

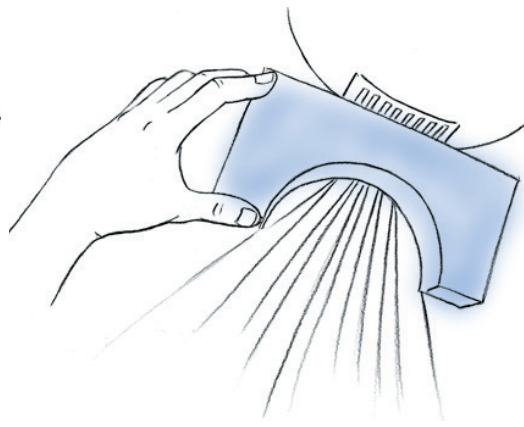
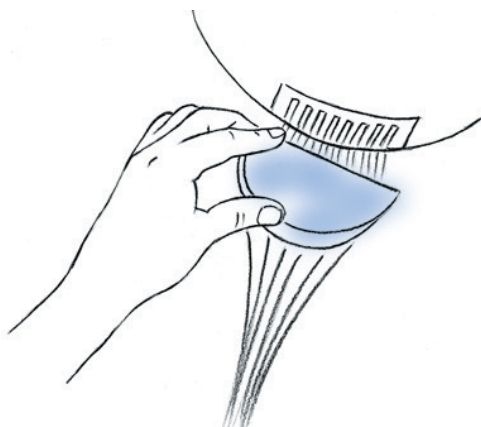


Lichtinsel

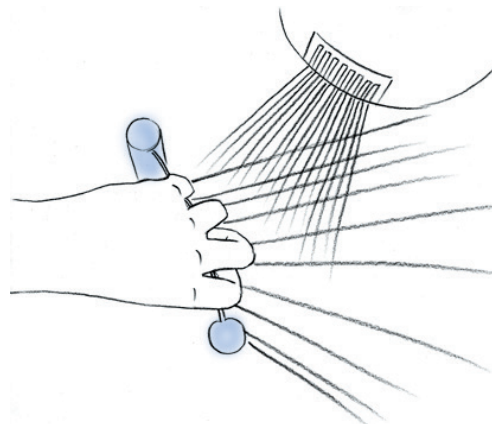
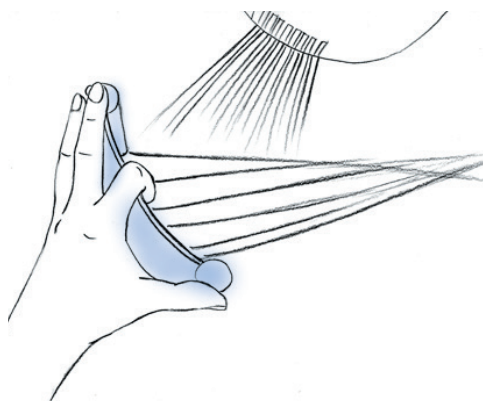


Was tun und beachten:

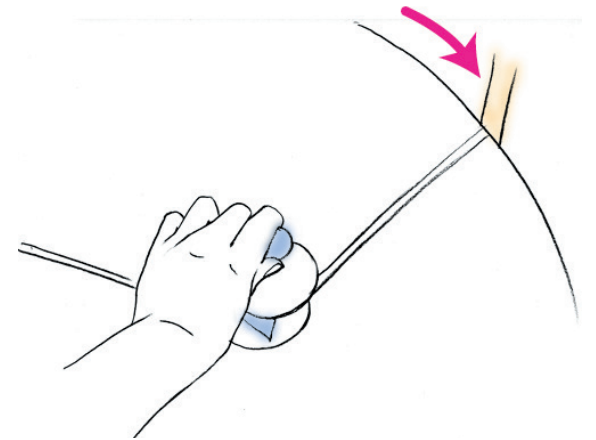
- Mit den Linsen kann man Licht brechen.
Was passiert mit den Lichtstrahlen?



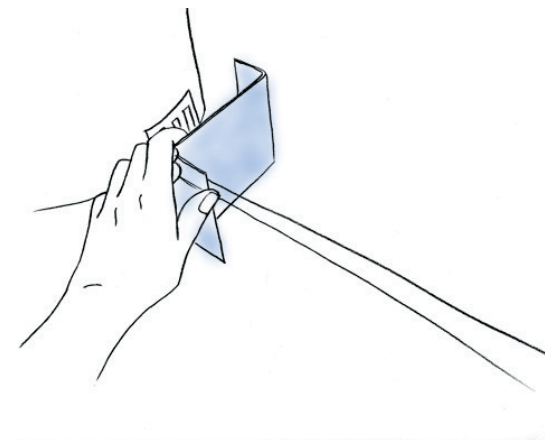
- Mit Spiegeln reflektiert man Licht.
Einige der Spiegel sind biegsam.



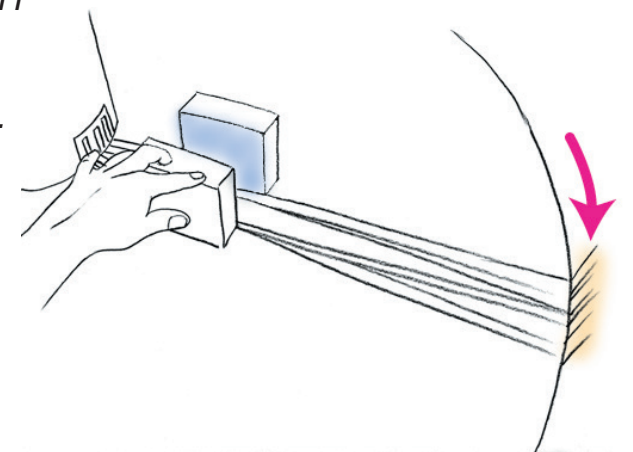
- Mit den Prismen können Sie die Farben des Lichtes trennen.



- Mit den farbigen Filtern können Sie Farben blockieren.
Welche Farben werden blockiert?
Welche Farben scheinen durch den Filter?



- Mit den Spiegeln können Sie Farben mischen.
Welche Farbe erhalten Sie, wenn Sie Rot und Grün mischen?



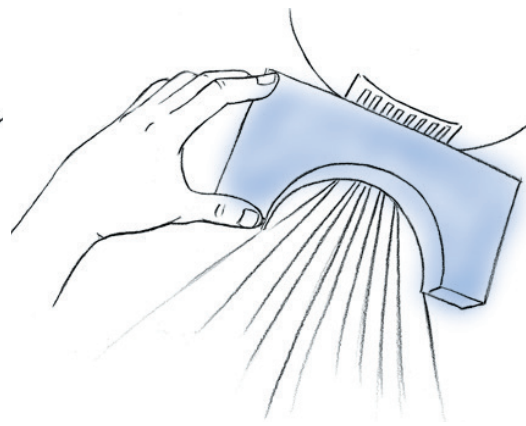
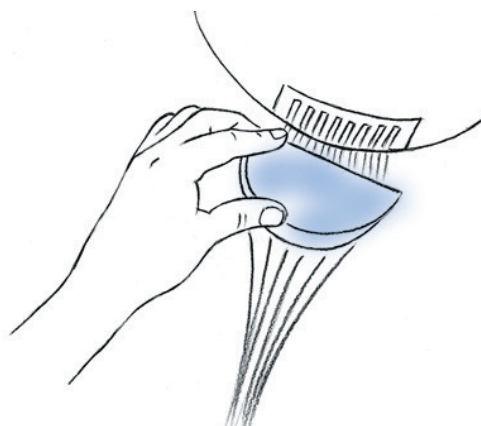


Light Island

To do and notice:

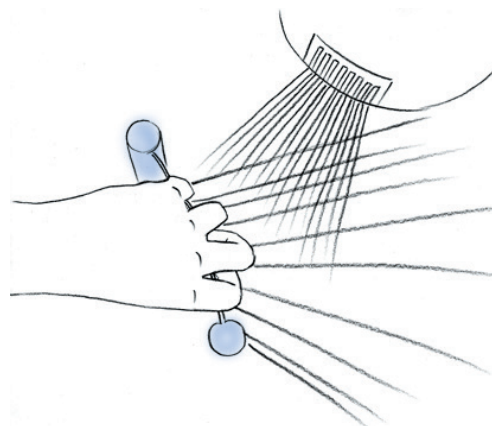
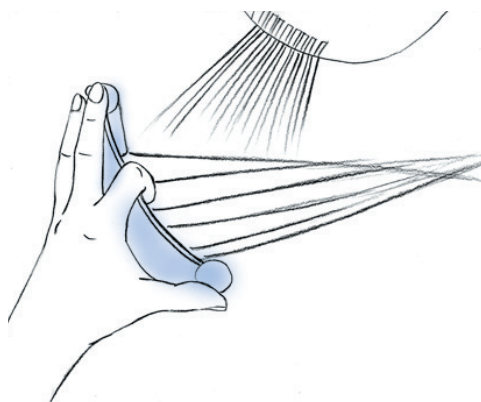
- Use lenses to bend light.

What happens to the light beams?

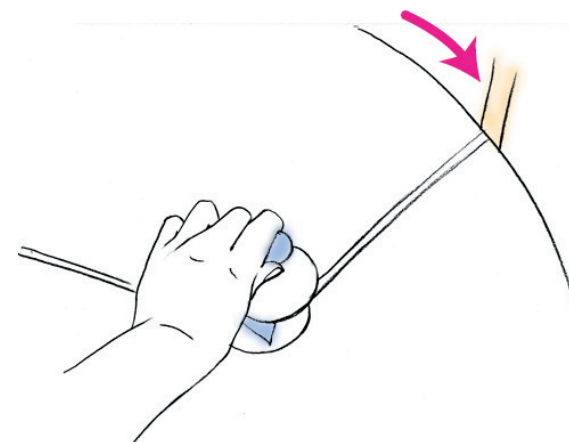


- Use mirrors to reflect light.

Some of the mirrors are flexible.



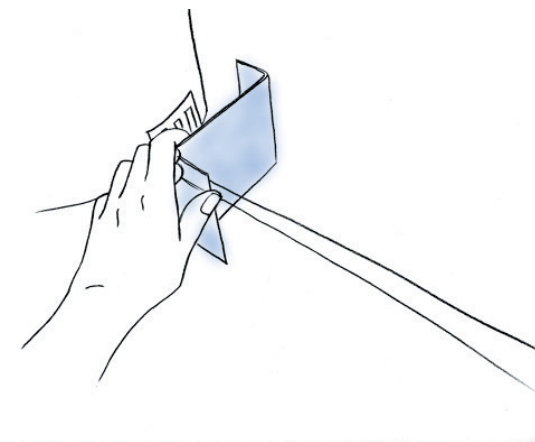
- Use the prism to separate colors.



- Use color filters to block light.

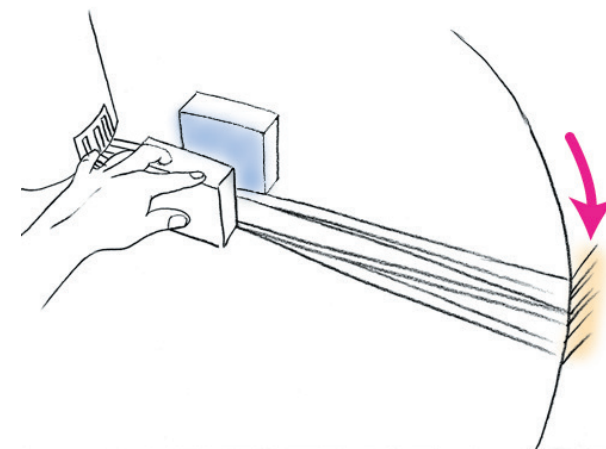
What colors are blocked?

What colors pass through?



- Use mirrors to mix colors.

What color do you get when you mix red and green?



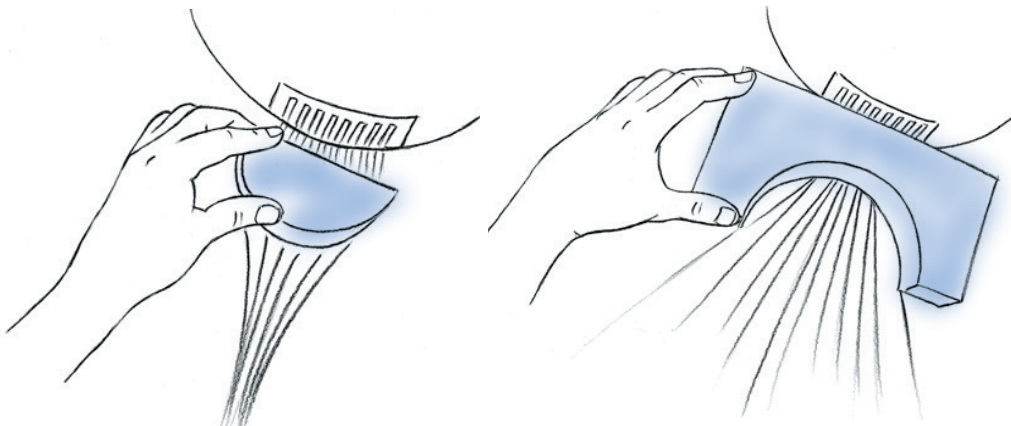


Jeux de Lumière

A vous de jouer:

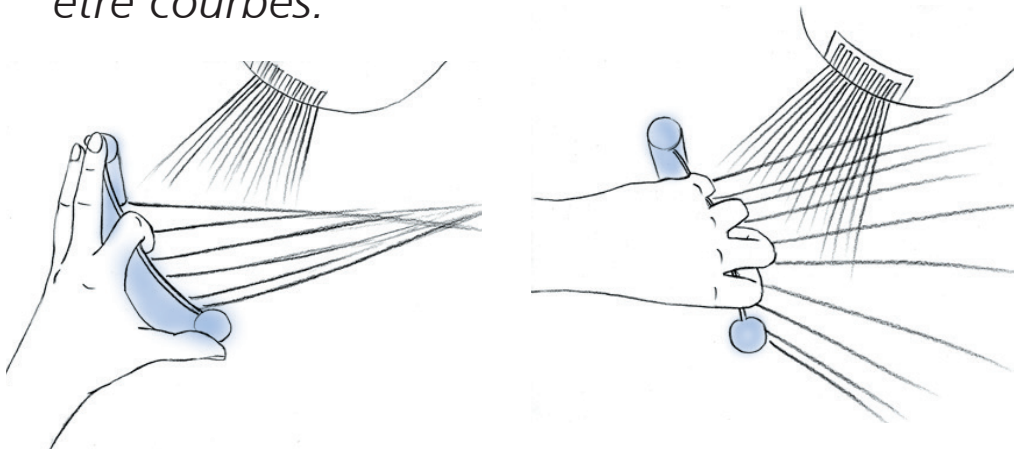
- Les lentilles permettent de réfracter la lumière.

Comment les rayons lumineux réagissent-ils?

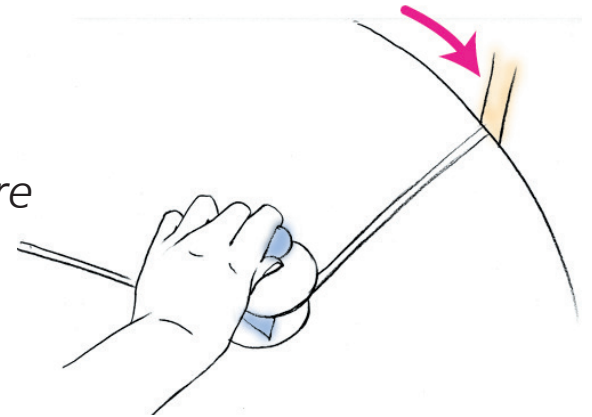


- Les miroirs réfléchissent la lumière.

Certains miroirs peuvent être courbés.



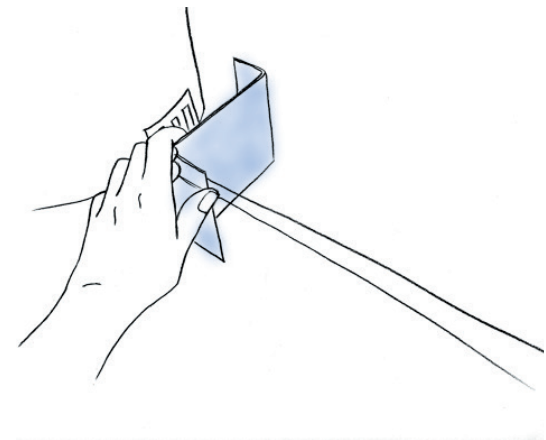
- Vous pouvez séparer les couleurs de la lumière au moyen des prismes.



- Avec les filtres colorés, vous pouvez arrêter certaines couleurs.

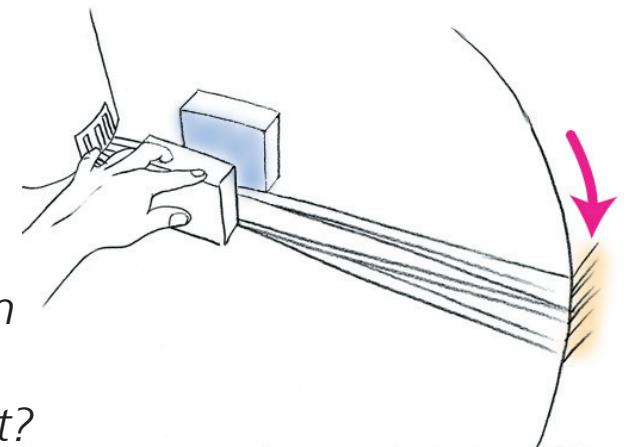
Quelles sont les couleurs arrêtées?

Quelles sont les couleurs qui passent?



- Les miroirs vous permettent de mélanger les couleurs.

Quelle couleur obtenez-vous en mélangeant du rouge et du vert?

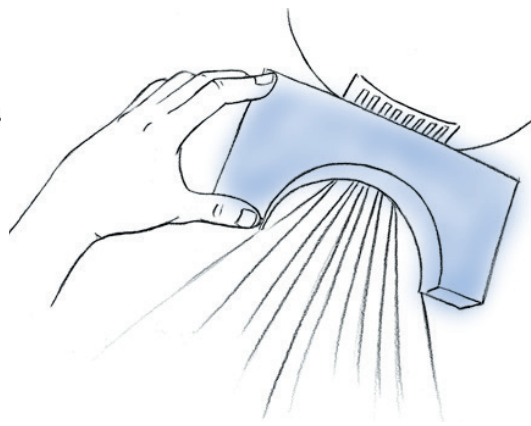
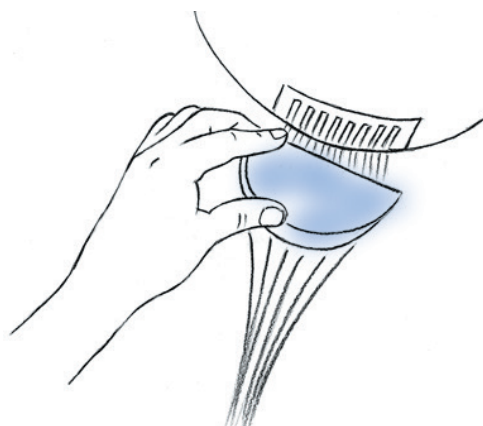




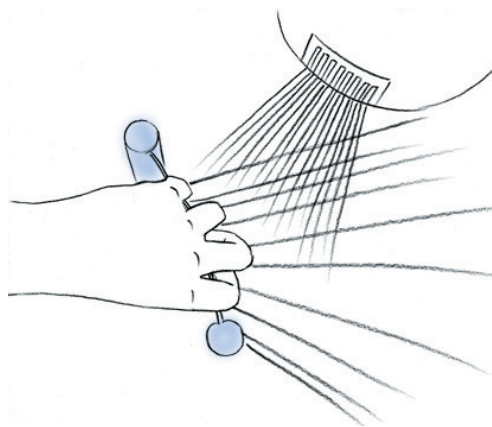
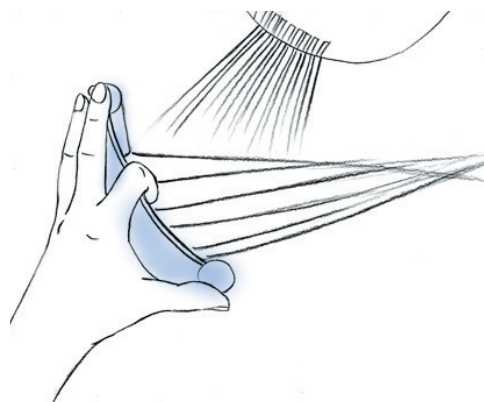
Isola luminosa

Che cosa fare:

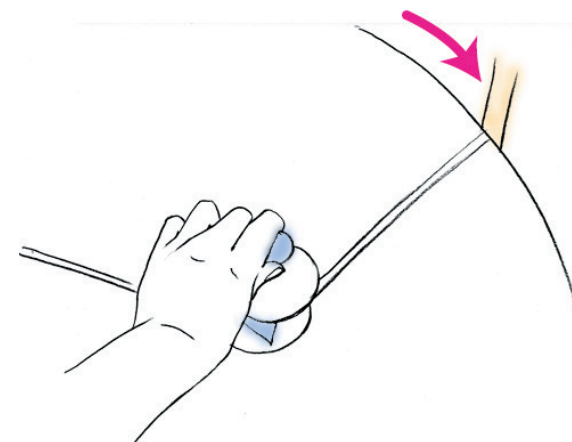
- Con le lenti si può deviare la luce. Cosa succede ai fasci luminosi?



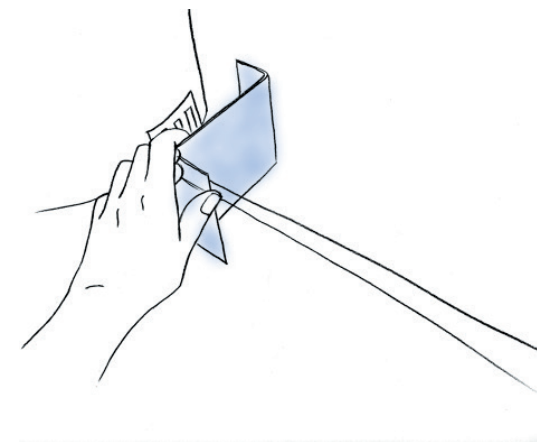
- Con gli specchi si riflette la luce. Alcuni specchi sono flessibili.



- Con i prismi si possono dividere i colori della luce.



- Con i filtri colorati si possono bloccare i colori. Quali colori sono bloccati? Quali colori passano attraverso i filtri?



- Con gli specchi si possono mescolare i colori. Che colore si ottiene quando si mischiano verde e rosso?

