

Converting Colors

CIELCh(26, 32.906, 354.694)

Have a look what the booklet for
CIELCh(26, 32.906, 354.694)
contains.

CIELCh(26, 32.906, 354.694)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(26, 32.906, 354.694)

Conversions

Conversions Part 1

Format	Color
Hex	682643
RGB	104, 38, 67
RGB Percent	41%, 15%, 26%
CMY	0.5918, 0.8506, 0.7369
CMYK	0.00, 0.63, 0.36, 0.59
HSL	334°, 46%, 28%
HSV	334°, 63%, 41%
XYZ	7.4310, 4.7465, 5.8474
YIQ	61.0400, 30.0270, 23.0110

Conversions

Conversions Part 2

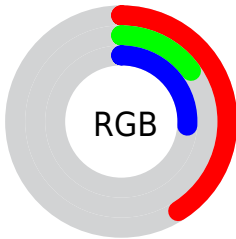
Format	Color
R_{YB}	104, 38, 67
Decimal	6825539
CIE _{Lab}	26.00, 32.76, -3.04
CIE _{LCh}	26, 32.906, 354.694
Yxy	4.7465, 0.4123, 0.2633
Android (android.graphics.Color)	4285015619 (0xFF682643)
YUV	61.0400, 2.9383, 37.6759
Hunter-Lab	21.7865, 22.7572, -0.6627

Details

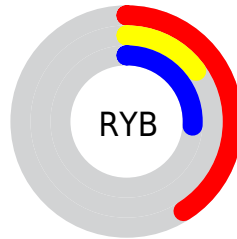
The CIELCh color **26, 32.906, 354.694** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **39, 30.267, 160.227**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 32.926, 354.899**, and **7, 28.024, 358.802** is the 20% darker color. If you saturate the color by 10%, you get **24, 36.941, 356.853**, and if you desaturate by 10%, it is **28, 28.205, 352.934**.

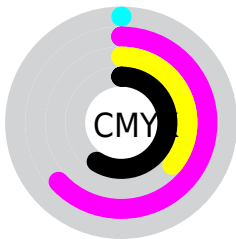
Distribution



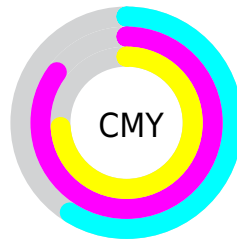
- Red (41%)
- Green (15%)
- Blue (26%)



- Red (41%)
- Yellow (15%)
- Blue (26%)



- Cyan (0%)
- Magenta (63%)
- Yellow (36%)
- Black (59%)





- Cyan (59%)
- Magenta (85%)
- Yellow (74%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 32.906, 354.694 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 26, 32.906, 354.694 by changing the saturation by 10% instead.

 26, 32.906,
354.694


 26, 32.906,
354.694

 100, 32.906,
354.694


 16, 32.906,
354.694


 46, 32.906,
354.694


 6, 32.906, 354.694

 56, 32.906,
354.694

 0, 32.906, 354.694

 66, 32.906,
354.694

 76, 32.906,
354.694

 86, 32.906,
354.694

 96, 32.906,

354.694

■ 26, 32.906,
354.694

■ 26, 32.906,
354.694

■ 24, 36.941,
356.853

■ 28, 28.205,
352.934

■ 22, 40.089,
359.540

■ 31, 23.082,
351.466

■ 21, 42.283, 2.853

■ 34, 17.743,
350.215

■ 21, 43.719, 5.036

■ 37, 12.344,
349.125

■ 40, 6.992, 348.152

■ 43, 1.755, 347.183

■ 46, 3.329, 166.640

■ 49, 8.241, 165.886

■ 53, 12.978,
165.226

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



26, 32.906, 354.694



39, 30.267, 160.227

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



26, 32.906, 354.694



26, 32.906, 44.694



26, 32.906, 174.694



26, 32.906, 224.694

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



26, 32.904, 354.695



49, 12.366, 348.737



23, 44.461, 313.543



24, 8.597, 348.950



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26, 32.904, 354.695



31, 46.466, 358.047



26, 32.257, 30.180



19, 2.862, 347.736



23, 46.835, 5.608



52, 81.274, 8.782

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



26, 32.904, 354.695



31, 46.466, 358.047



39, 20.257, 202.814



19, 2.862, 347.736



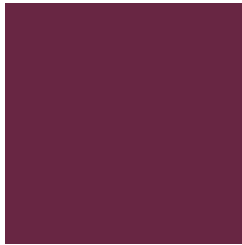
23, 46.835, 5.608



52, 81.274, 8.782

Previews

White Background



This preview shows how the CIELCh color 26, 32.906, 354.694 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIELCh color 26, 32.906, 354.694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 26, 32.906, 354.694

Background



This preview shows how black text looks on a background with the CIELCh color 26, 32.906, 354.694.



This preview shows how white text looks on a background with the CIELCh color 26, 32.906, 354.694.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

26, 32.906, 354.694

Protanopia

27, 13.152, 284.257

Deuteranopia

27, 3.729, 348.443



Tritanopia
26, 29.062, 22.434

Trichromacy



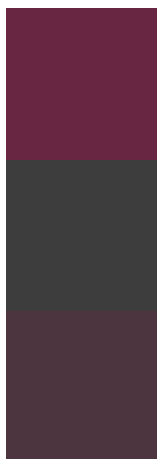
Original Color
26, 32.906, 354.694

Protanomaly
25, 18.077, 322.325

Deuteranomaly
26, 14.836, 350.882

Tritanomaly
26, 29.756, 11.032

Monochromacy



Original Color
26, 32.906, 354.694

Achromatopsia
26, 0.004, 296.813

Achromatomaly
25, 12.718, 351.220

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 32.906, 354.694 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(104, 38, 67)` looks like.

```
.text, #text, p{  
    color:rgb(104, 38, 67)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(104, 38, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 38, 67) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 32.906, 354.694 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(104, 38, 67) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(104, 38, 67) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(104, 38, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 38, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 38, 67);  
box-shadow:4px 4px 4px 4px rgb(104, 38,  
67) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 32.906, 354.694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 38, 67) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(104, 38,  
67) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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