

Converting Colors

CIELCh(26, 54.925, 33.990)

Have a look what the booklet for
CIELCh(26, 54.925, 33.990) contains.

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Color

CIELCh(26, 54.994, 34.039)

Conversions

Conversions Part 1

Format	Color
Hex	7E0C11
RGB	126, 12, 17
RGB Percent	49%, 5%, 7%
CMY	0.5056, 0.9525, 0.9332
CMYK	0.00, 0.90, 0.86, 0.51
HSL	357°, 82%, 27%
HSV	357°, 90%, 49%
XYZ	8.8479, 4.7465, 0.9820
YIQ	46.6560, 66.3390, 25.7230

Conversions

Conversions Part 2

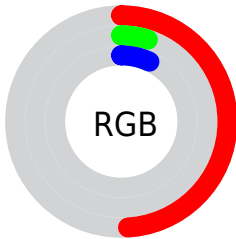
Format	Color
R_{YB}	126, 12, 17
Decimal	8260625
CIE _{Lab}	26.00, 45.57, 30.78
CIE _{LCh}	26, 54.994, 34.039
Yxy	4.7465, 0.6070, 0.3256
Android (android.graphics.Color)	4286450705 (0xFF7E0C11)
YUV	46.6560, -14.6204, 69.5847
Hunter-Lab	21.7865, 34.3660, 12.5781

Details

The CIELCh color **26, 54.994, 34.039** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **47, 29.945, 190.680**, and the grayscale version is **19, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 55.164, 33.969**, and **11, 35.320, 28.720** is the 20% darker color. If you saturate the color by 10%, you get **25, 59.276, 36.529**, and if you desaturate by 10%, it is **27, 49.306, 30.206**.

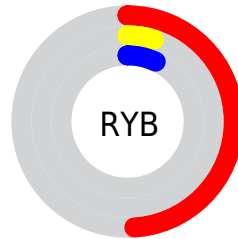
Distribution



Red (49%)

Green (5%)

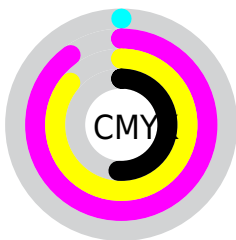
Blue (7%)



Red (49%)

Yellow (5%)

Blue (7%)

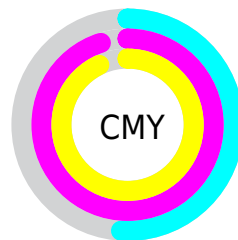


Cyan (0%)

Magenta (90%)

Yellow (86%)

Black (51%)



Cyan (51%)

Magenta (95%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 26, 54.994, 34.039 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, 54.994, 34.039 by changing the saturation by 10% instead.

■ 26, 54.994, 34.039

■ 26, 54.994, 34.039

■ 100, 54.994,
34.039

■ 16, 54.994, 34.039

■ 46, 54.994, 34.039

■ 6, 54.994, 34.039

■ 56, 54.994, 34.039

■ 0, 54.994, 34.039

■ 66, 54.994, 34.039

■ 76, 54.994, 34.039

■ 86, 54.994, 34.039

■ 96, 54.994, 34.039

■ 26, 54.994, 34.039

■ 26, 54.994, 34.039

25, 59.276, 36.529

27, 49.306, 30.206

29, 43.030, 26.766

32, 36.456, 23.925

35, 29.804, 21.665

38, 23.264, 19.890

41, 16.972, 18.496

45, 11.011, 17.386

49, 5.418, 16.474

53, 0.198, 13.874

Harmonies

Complementary

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



26, 54.994, 34.039



47, 29.945, 190.680

Rectangle

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



26, 54.994, 34.039



26, 54.994, 84.039



26, 54.994, 214.039



26, 54.994, 264.039

Sweetspot

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



26, 54.992, 34.041



54, 18.455, 18.164



29, 66.386, 326.339



26, 12.483, 18.490



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



26, 54.992, 34.041



34, 72.919, 38.005



34, 46.555, 59.359



25, 2.953, 16.365



25, 59.833, 36.624



0, 0.000, 0.000

Inverse Universe

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



26, 54.992, 34.041



34, 72.919, 38.005



31, 34.247, 272.873



25, 2.953, 16.365



25, 59.833, 36.624



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIE LCh color 26, 54.994, 34.039 looks on a white background.

Color Contrast Check

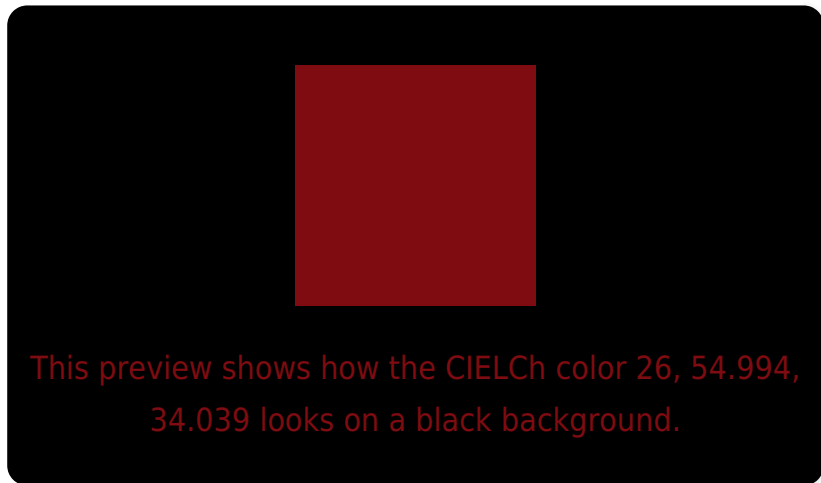
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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, 54.994, 34.039

Background



This preview shows how black text looks on a background with the CIELCh color 26, 54.994, 34.039.



This preview shows how white text looks on a background with the CIELCh color 26, 54.994, 34.039.

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, 54.994, 34.039

Protanopia

27, 22.972, 96.359

Deuteranopia

27, 36.403, 85.497



Tritanopia
26, 56.939, 37.486

Trichromacy



Original Color
26, 54.994, 34.039

Protanomaly
24, 29.635, 49.918

Deuteranomaly
25, 39.362, 55.633

Tritanomaly
26, 56.235, 36.438

Monochromacy



Original Color
26, 54.994, 34.039

Achromatopsia
19, 0.004, 296.813

Achromatomaly
19, 21.575, 21.643

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 54.994, 34.039 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(126, 12, 17)` looks like.

```
.text, #text, p{  
    color:rgb(126, 12, 17)  
}
```

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(126, 12, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 12, 17) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 54.994, 34.039 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(126, 12, 17) }
```

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

```
.border{ border-color:rgb(126, 12, 17) }
```

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

Here you see how a box with a 4 pixel rgb(126, 12, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 12, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 12, 17);  
box-shadow:4px 4px 4px 4px rgb(126, 12,  
17) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 54.994, 34.039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 12, 17) }
```

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

```
.background{ background-color: rgb(126, 12,  
17) }
```

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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