

Converting Colors

CIELCh(58, 26.117, 31.907)

Have a look what the booklet for
CIELCh(58, 26.117, 31.907) contains.

CIELCh(58, 26.295, 31.857)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(58, 26.295, 31.857)

Conversions

Conversions Part 1

Format	Color
Hex	B87C74
RGB	184, 124, 116
RGB Percent	72%, 49%, 45%
CMY	0.2774, 0.5128, 0.5442
CMYK	0.00, 0.33, 0.37, 0.28
HSL	7°, 32%, 59%
HSV	7°, 37%, 72%
XYZ	30.2298, 25.9610, 20.0096
YIQ	141.0280, 38.3280, 10.2320

Conversions

Conversions Part 2

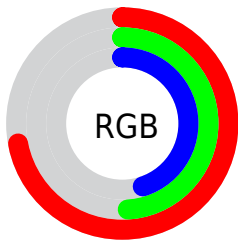
Format	Color
RYB	184, 125, 116
Decimal	12090484
CIELab	58.00, 22.33, 13.88
CIElCh	58, 26.295, 31.857
Yxy	25.9610, 0.3967, 0.3407
Android (android.graphics.Color)	4290280564 (0xFFB87C74)
YUV	141.0280, -12.3388, 37.6864
Hunter-Lab	50.9519, 16.7384, 12.3822

Details

The CIELCh color **58, 26.295, 31.857** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **68, 20.108, 210.653**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 26.465, 31.804**, and **38, 26.450, 31.151** is the 20% darker color. If you saturate the color by 10%, you get **54, 34.744, 32.769**, and if you desaturate by 10%, it is **62, 18.407, 31.214**.

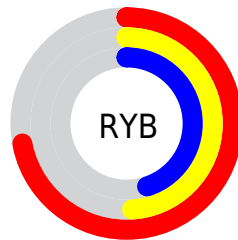
Distribution



Red (72%)

Green (49%)

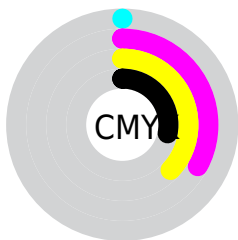
Blue (45%)



Red (72%)

Yellow (49%)

Blue (45%)

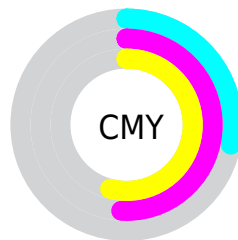


Cyan (0%)

Magenta (33%)

Yellow (37%)

Black (28%)



Cyan (28%)

Magenta (51%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 26.295, 31.857 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 58, 26.295, 31.857 by changing the saturation by 10% instead.

■ 58, 26.295, 31.857

■ 58, 26.295, 31.857

■ 100, 26.295,
31.857

■ 48, 26.295, 31.857

■ 78, 26.295, 31.857

■ 38, 26.295, 31.857

■ 88, 26.295, 31.857

■ 28, 26.295, 31.857

■ 98, 26.295, 31.857

■ 18, 26.295, 31.857

■ 8, 26.295, 31.857

■ 0, 26.295, 31.857

■ 58, 26.295, 31.857

■ 58, 26.295, 31.857

■ 54, 34.744, 32.769

■ 62, 18.407, 31.214

■ 50, 43.689, 33.996

■ 67, 11.101, 30.764

47, 52.972, 35.578

72, 4.357, 30.418

44, 62.297, 37.477

76, 1.864, 210.666

41, 71.053, 39.443

81, 7.611, 210.393

40, 78.042, 40.889

86, 12.935,
210.370

39, 80.022, 41.489

91, 17.886,
210.414

95, 22.533,
198.971

96, 22.774,
198.014

Harmonies

Complementary

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



58, 26.295, 31.857



68, 20.108, 210.653

Rectangle

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



58, 26.295, 31.857



58, 26.295, 81.857



58, 26.295, 211.857



58, 26.295, 261.857

Sweetspot

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



58, 26.293, 31.862



88, 8.729, 30.565



58, 41.657, 329.950



46, 5.894, 30.609



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



58, 26.293, 31.862



70, 40.013, 32.546



67, 25.729, 82.092



36, 3.592, 30.503



33, 70.132, 41.482



3, 9.795, 27.217

Inverse Universe

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



68, 20.108, 210.653



85, 28.598, 210.948



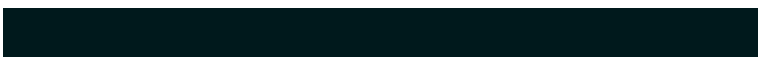
59, 24.905, 273.031



38, 3.384, 210.421



52, 30.521, 217.498



7, 8.964, 215.533

Previews

White Background



This preview shows how the CIELCh color 58, 26.295, 31.857 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 58, 26.295, 31.857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

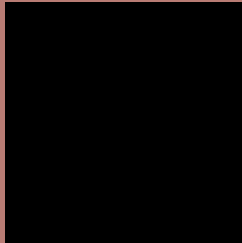
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 26.295, 31.857

Background



This preview shows how black text looks on a background with the CIELCh color 58, 26.295, 31.857.



This preview shows how white text looks on a background with the CIELCh color 58, 26.295, 31.857.

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

58, 26.295, 31.857

Protanopia

58, 8.954, 90.478

Deuteranopia

58, 16.598, 62.817



Tritanopia
58, 26.749, 11.729

Trichromacy



Original Color
58, 26.295, 31.857

Protanomaly
58, 13.226, 53.859

Deuteranomaly
58, 19.301, 46.752

Tritanomaly
58, 25.934, 18.656

Monochromacy



Original Color
58, 26.295, 31.857

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 9.108, 30.940

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 26.295, 31.857 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(184, 124, 116)` looks like.

```
.text, #text, p{  
    color:rgb(184, 124, 116)  
}
```

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(184, 124, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 124, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 26.295, 31.857 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(184, 124, 116) }
```

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

```
.border{ border-color:rgb(184, 124, 116) }
```

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

Here you see how a box with a 4 pixel rgb(184, 124, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 124, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 124, 116);  
box-shadow:4px 4px 4px 4px rgb(184, 124,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 26.295, 31.857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 124, 116) }
```

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

```
.background{ background-color: rgb(184,  
124, 116) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor