

Converting Colors

CIELCh(67, 20.646, 78.280)

Have a look what the booklet for
CIELCh(67, 20.646, 78.280) contains.

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Color

CIELCh(67, 20.580, 77.769)

Conversions

Conversions Part 1

Format	Color
Hex	B89F7F
RGB	184, 159, 127
RGB Percent	72%, 62%, 50%
CMY	0.2775, 0.3756, 0.5011
CMYK	0.00, 0.14, 0.31, 0.28
HSL	34°, 29%, 61%
HSV	34°, 31%, 72%
XYZ	36.1061, 36.6320, 25.3213
YIQ	162.8270, 25.1720, -4.6520

Conversions

Conversions Part 2

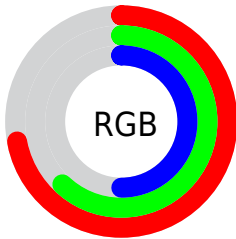
Format	Color
RYB	172, 184, 127
Decimal	12099455
CIELab	67.00, 4.36, 20.11
CIELCh	67, 20.580, 77.769
Yxy	36.6320, 0.3682, 0.3736
Android (android.graphics.Color)	4290289535 (0xFFB89F7F)
YUV	162.8270, -17.6627, 18.5687
Hunter-Lab	60.5244, 0.5675, 17.5622

Details

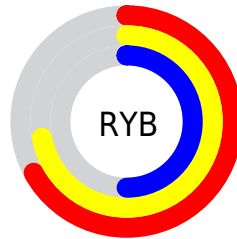
The CIELCh color $67, 20.580, 77.769$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $62, 19.515, 266.688$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 20.683, 78.068$, and $47, 20.478, 78.187$ is the 20% darker color. If you saturate the color by 10%, you get $65, 27.715, 76.432$, and if you desaturate by 10%, it is $69, 13.679, 79.088$.

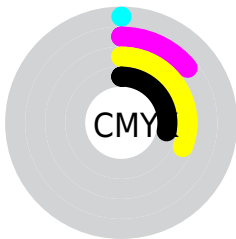
Distribution



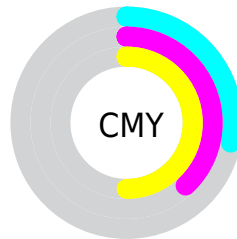
- Red (72%)
- Green (62%)
- Blue (50%)



- Red (67%)
- Yellow (72%)
- Blue (50%)



- Cyan (0%)
- Magenta (14%)
- Yellow (31%)
- Black (28%)



- Cyan (28%)
- Magenta (38%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 20.580, 77.769 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 67, 20.580, 77.769 by changing the saturation by 10% instead.

■ 67, 20.580, 77.769

■ 67, 20.580, 77.769

■ 100, 20.580,
77.769

■ 57, 20.580, 77.769

■ 87, 20.580, 77.769

■ 47, 20.580, 77.769

■ 97, 20.580, 77.769

■ 37, 20.580, 77.769

■ 27, 20.580, 77.769

■ 17, 20.580, 77.769

■ 7, 20.580, 77.769

■ 0, 20.580, 77.769

■ 67, 20.580, 77.769

■ 67, 20.580, 77.769

■ 65, 27.715, 76.432

■ 69, 13.679, 79.088

62, 35.040, 75.055

72, 7.018, 80.355

60, 42.450, 73.627

75, 0.590, 81.141

58, 49.717, 72.099

77, 5.622, 262.916

56, 56.407, 70.364

80, 11.636,
264.057

54, 61.802, 68.213

83, 17.473,
265.168

52, 65.391, 65.890

85, 22.606,
265.441

87, 20.259,
252.725

89, 19.088,
237.797

Harmonies

Complementary

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



67, 20.580, 77.769



62, 19.515, 266.688

Rectangle

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



67, 20.580, 77.769



67, 20.580, 127.769



67, 20.580, 257.769



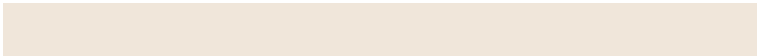
67, 20.580, 307.769

Sweetspot

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



67, 20.580, 77.776



92, 7.121, 80.574



60, 26.374, 349.467



48, 4.959, 80.398



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



67, 20.580, 77.776



83, 30.836, 76.883



73, 30.427, 109.422



38, 3.611, 80.552



44, 57.622, 66.397



6, 8.967, 68.186

Inverse Universe

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



62, 19.515, 266.688



76, 28.879, 268.107



56, 32.781, 295.597



37, 3.565, 263.049



31, 55.500, 288.933



3, 10.806, 271.850

Previews

White Background



This preview shows how the CIELCh color 67, 20.580, 77.769 looks on a white 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

Black Background



This preview shows how the CIELCh color 67, 20.580, 77.769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

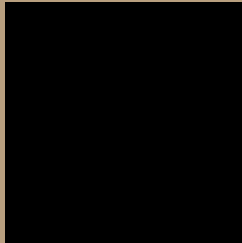
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 20.580, 77.769

Background



This preview shows how black text looks on a background with the CIELCh color 67, 20.580, 77.769.



This preview shows how white text looks on a background with the CIELCh color 67, 20.580, 77.769.

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

67, 20.580, 77.769

Protanopia

67, 19.196, 94.522

Deuteranopia

67, 21.601, 67.166



Tritanopia
67, 15.025, 354.860

Trichromacy



Original Color
67, 20.580, 77.769

Protanomaly
67, 19.836, 88.638

Deuteranomaly
67, 21.166, 70.582

Tritanomaly
67, 12.558, 30.506

Monochromacy



Original Color
67, 20.580, 77.769

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 7.486, 81.167

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 20.580, 77.769 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, 159, 127)` looks like.

```
.text, #text, p{  
    color:rgb(184, 159, 127)  
}
```

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, 159, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 159, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 20.580, 77.769 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, 159, 127) }
```

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

```
.border{ border-color:rgb(184, 159, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 159, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 159, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 159, 127); box-shadow:4px 4px 4px 4px rgb(184, 159, 127) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 20.580, 77.769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 159, 127) }
```

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

```
.background{ background-color: rgb(184,  
159, 127) }
```

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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