

Converting Colors

CIELCh(64, 20.864, 50.913)

Have a look what the booklet for
CIELCh(64, 20.864, 50.913) contains.

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Color

CIELCh(64, 20.794, 50.920)

Conversions

Conversions Part 1

Format	Color
Hex	BC927F
RGB	188, 146, 127
RGB Percent	74%, 57%, 50%
CMY	0.2626, 0.4273, 0.5018
CMYK	0.00, 0.22, 0.32, 0.26
HSL	19°, 31%, 62%
HSV	19°, 32%, 74%
XYZ	34.8695, 32.8017, 24.5866
YIQ	156.3920, 31.1310, 2.9950

Conversions

Conversions Part 2

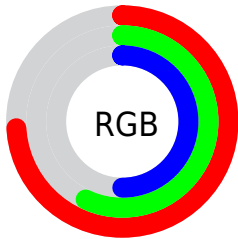
Format	Color
RYB	188, 155, 127
Decimal	12358271
CIELab	64.00, 13.11, 16.14
CIElCh	64, 20.794, 50.920
Yxy	32.8017, 0.3780, 0.3555
Android (android.graphics.Color)	4290548351 (0xFFBC927F)
YUV	156.3920, -14.4903, 27.7202
Hunter-Lab	57.2727, 8.4492, 14.6384

Details

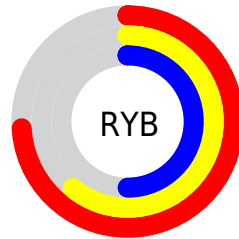
The CIELCh color **64, 20.794, 50.920** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **67, 17.172, 236.452**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 20.663, 50.786**, and **44, 20.594, 50.309** is the 20% darker color. If you saturate the color by 10%, you get **60, 28.263, 50.470**, and if you desaturate by 10%, it is **68, 13.847, 51.472**.

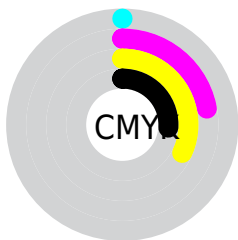
Distribution



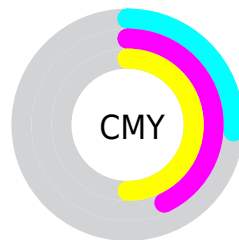
- Red (74%)
- Green (57%)
- Blue (50%)



- Red (74%)
- Yellow (61%)
- Blue (50%)



- Cyan (0%)
- Magenta (22%)
- Yellow (32%)
- Black (26%)



- Cyan (26%)
- Magenta (43%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 20.794, 50.920 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 64, 20.794, 50.920 by changing the saturation by 10% instead.

64, 20.794, 50.920

64, 20.794, 50.920

100, 20.794,
50.920

54, 20.794, 50.920

84, 20.794, 50.920

44, 20.794, 50.920

94, 20.794, 50.920

34, 20.794, 50.920

24, 20.794, 50.920

14, 20.794, 50.920

4, 20.794, 50.920

0, 20.794, 50.920

64, 20.794, 50.920

64, 20.794, 50.920

60, 28.263, 50.470

68, 13.847, 51.472

57, 36.257, 50.119

71, 7.395, 52.071

54, 44.721, 49.874

75, 1.396, 52.477

51, 53.487, 49.688

79, 4.195, 233.651

48, 62.151, 49.417

83, 9.426, 234.327

46, 69.846, 48.704

87, 14.338,
235.058

44, 74.770, 47.950

91, 18.061,
230.497

94, 20.021,
206.208

96, 21.673,
198.082

Harmonies

Complementary

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



64, 20.794, 50.920



67, 17.172, 236.452

Rectangle

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



64, 20.794, 50.920



64, 20.794, 100.920



64, 20.794, 230.920



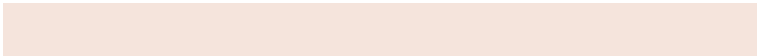
64, 20.794, 280.920

Sweetspot

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



64, 20.793, 50.927



92, 7.303, 52.208



61, 32.926, 336.632



48, 5.006, 52.124



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



64, 20.793, 50.927



78, 31.835, 50.588



72, 26.802, 96.633



38, 3.340, 52.255



37, 65.447, 48.404



4, 10.300, 41.313

Inverse Universe

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



67, 17.172, 236.452



83, 25.008, 237.627



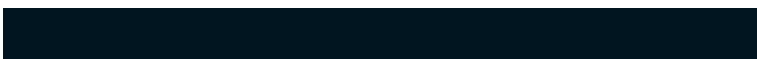
59, 27.845, 285.039



38, 3.183, 233.819



43, 34.694, 257.571



6, 9.741, 247.064

Previews

White Background



This preview shows how the CIELCh color 64, 20.794, 50.920 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 CIE LCh color 64, 20.794, 50.920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

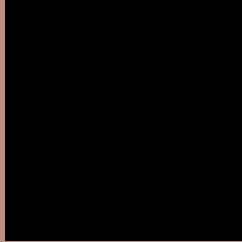
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 20.794, 50.920

Background



This preview shows how black text looks on a background with the CIELCh color 64, 20.794, 50.920.



This preview shows how white text looks on a background with the CIELCh color 64, 20.794, 50.920.

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

64, 20.794, 50.920

Protanopia

64, 13.802, 93.254

Deuteranopia

64, 18.382, 63.776



Tritanopia
64, 20.285, 4.131

Trichromacy



Original Color
64, 20.794, 50.920

Protanomaly
64, 15.047, 73.590

Deuteranomaly
64, 19.307, 59.241

Tritanomaly
64, 19.039, 19.643

Monochromacy



Original Color
64, 20.794, 50.920

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 7.463, 51.152

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 20.794, 50.920 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(188, 146, 127)` looks like.

```
.text, #text, p{  
    color:rgb(188, 146, 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(188, 146, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 146, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 20.794, 50.920 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(188, 146, 127) }
```

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

```
.border{ border-color:rgb(188, 146, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 146, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 146, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 146, 127);  
box-shadow:4px 4px 4px 4px rgb(188, 146,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 20.794, 50.920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 146, 127) }
```

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

```
.background{ background-color: rgb(188,  
146, 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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