

Converting Colors

CIELCh(63, 20.160, 30.706)

Have a look what the booklet for
CIELCh(63, 20.160, 30.706) contains.

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Color

CIELCh(63, 20.191, 30.715)

Conversions

Conversions Part 1

Format	Color
Hex	BD8D87
RGB	189, 141, 135
RGB Percent	74%, 55%, 53%
CMY	0.2591, 0.4473, 0.4708
CMYK	0.00, 0.25, 0.29, 0.26
HSL	7°, 29%, 64%
HSV	7°, 29%, 74%
XYZ	34.8518, 31.5869, 27.1572
YIQ	154.6680, 30.5340, 8.3100

Conversions

Conversions Part 2

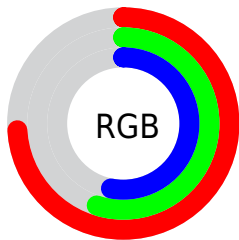
Format	Color
RYB	189, 142, 135
Decimal	12422535
CIELab	63.00, 17.36, 10.31
CIElCh	63, 20.191, 30.715
Yxy	31.5869, 0.3724, 0.3375
Android (android.graphics.Color)	4290612615 (0xFFBD8D87)
YUV	154.6680, -9.6963, 30.1092
Hunter-Lab	56.2022, 12.3365, 10.6924

Details

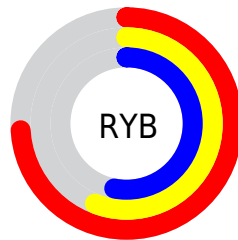
The CIELCh color **63, 20.191, 30.715** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **71, 16.522, 209.692**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 20.097, 31.340**, and **43, 19.903, 32.172** is the 20% darker color. If you saturate the color by 10%, you get **59, 28.377, 31.449**, and if you desaturate by 10%, it is **68, 12.595, 30.207**.

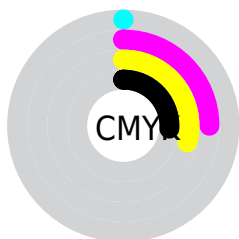
Distribution



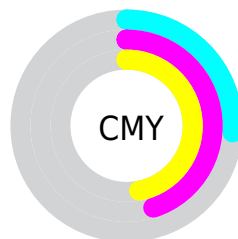
- Red (74%)
- Green (55%)
- Blue (53%)



- Red (74%)
- Yellow (56%)
- Blue (53%)



- Cyan (0%)
- Magenta (25%)
- Yellow (29%)
- Black (26%)



- Cyan (26%)
- Magenta (45%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 20.191, 30.715 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 63, 20.191, 30.715 by changing the saturation by 10% instead.

63, 20.191, 30.715

63, 20.191, 30.715

100, 20.191,
30.715

53, 20.191, 30.715

83, 20.191, 30.715

43, 20.191, 30.715

93, 20.191, 30.715

33, 20.191, 30.715

23, 20.191, 30.715

13, 20.191, 30.715

3, 20.191, 30.715

0, 20.191, 30.715

63, 20.191, 30.715

63, 20.191, 30.715

59, 28.377, 31.449

68, 12.595, 30.207

■ 54, 37.131, 32.455

■ 72, 5.581, 29.827

■ 50, 46.361, 33.799

■ 77, 0.889, 210.324

■ 47, 55.885, 35.513

■ 82, 6.862, 209.701

■ 44, 65.356, 37.534

■ 87, 12.392,
209.638

■ 42, 74.054, 39.545

■ 92, 17.529,
209.651

■ 40, 80.795, 41.040

■ 40, 81.710, 41.343

■ 96, 21.415,
198.099

Harmonies

Complementary

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



63, 20.191, 30.715



71, 16.522, 209.692

Rectangle

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



63, 20.191, 30.715



63, 20.191, 80.715



63, 20.191, 210.715



63, 20.191, 260.715

Sweetspot

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



63, 20.189, 30.721



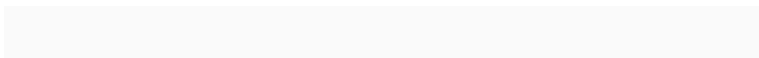
91, 7.243, 29.848



63, 33.451, 328.919



48, 5.061, 29.900



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



63, 20.189, 30.721



77, 30.373, 31.126



70, 19.852, 81.713



37, 3.695, 29.855



33, 71.177, 41.370



3, 11.373, 26.332

Inverse Universe

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



71, 16.522, 209.692



89, 23.683, 209.795



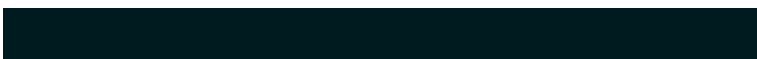
64, 19.226, 269.862



39, 3.480, 209.717



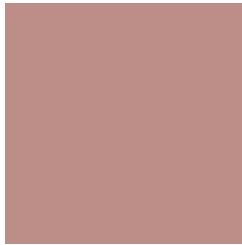
53, 31.008, 216.196



8, 10.106, 212.891

Previews

White Background



This preview shows how the CIELCh color 63, 20.191, 30.715 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 63, 20.191, 30.715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

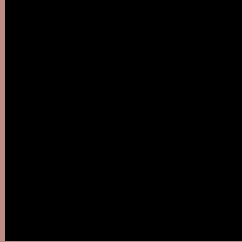
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 20.191, 30.715

Background



This preview shows how black text looks on a background with the CIELCh color 63, 20.191, 30.715.

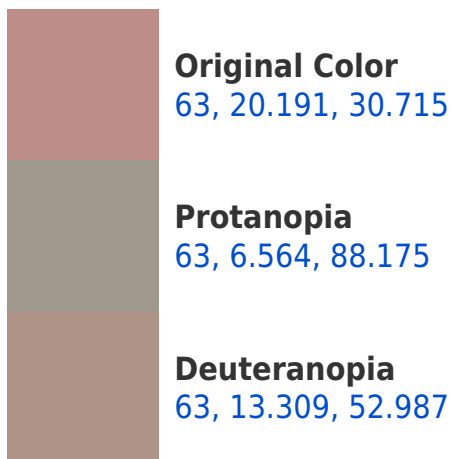


This preview shows how white text looks on a background with the CIELCh color 63, 20.191, 30.715.

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





Tritanopia
63, 21.035, 6.416

Trichromacy



Original Color
63, 20.191, 30.715

Protanomaly
63, 9.881, 50.415

Deuteranomaly
63, 15.377, 43.882

Tritanomaly
63, 20.311, 15.268

Monochromacy



Original Color
63, 20.191, 30.715

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 6.802, 29.349

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 20.191, 30.715 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(189, 141, 135)` looks like.

```
.text, #text, p{  
    color:rgb(189, 141, 135)  
}
```

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(189, 141, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 141, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 20.191, 30.715 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(189, 141, 135) }
```

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

```
.border{ border-color:rgb(189, 141, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 141, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 141, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 141, 135);  
box-shadow:4px 4px 4px 4px rgb(189, 141,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 20.191, 30.715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 141, 135) }
```

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

```
.background{ background-color: rgb(189,  
141, 135) }
```

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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