

Converting Colors

CIELCh(70, 8.132, 22.446)

Have a look what the booklet for
CIELCh(70, 8.132, 22.446) contains.

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Color

CIELCh(70, 8.116, 20.065)

Conversions

Conversions Part 1

Format	Color
Hex	BBA6A6
RGB	187, 166, 166
RGB Percent	73%, 65%, 65%
CMY	0.2655, 0.3478, 0.3478
CMYK	0.00, 0.11, 0.11, 0.27
HSL	0°, 13%, 69%
HSV	0°, 11%, 73%
XYZ	41.1701, 40.7494, 41.9162
YIQ	172.2790, 12.5160, 4.4520

Conversions

Conversions Part 2

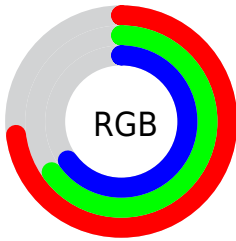
Format	Color
RYB	187, 166, 166
Decimal	12297894
CIELab	70.00, 7.62, 2.78
CIELCh	70, 8.116, 20.065
Yxy	40.7494, 0.3325, 0.3291
Android (android.graphics.Color)	4290487974 (0xFFBBA6A6)
YUV	172.2790, -3.0955, 12.9103
Hunter-Lab	63.8353, 3.4107, 5.7531

Details

The CIELCh color **70, 8.116, 20.065** is a light color, and the websafe version is hex **999999**. A complement of this color would be **74, 7.562, 198.887**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 8.031, 19.905**, and **50, 8.324, 20.333** is the 20% darker color. If you saturate the color by 10%, you get **65, 15.959, 20.945**, and if you desaturate by 10%, it is **75, 0.847, 18.873**.

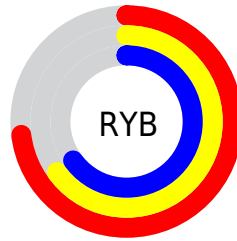
Distribution



Red (73%)

Green (65%)

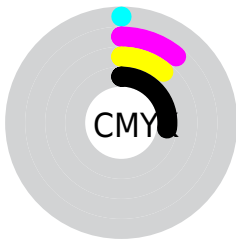
Blue (65%)



Red (73%)

Yellow (65%)

Blue (65%)

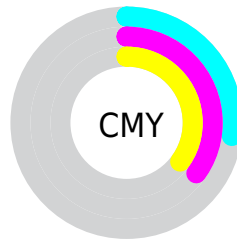


Cyan (0%)

Magenta (11%)

Yellow (11%)

Black (27%)



Cyan (27%)

Magenta (35%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 8.116, 20.065 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 70, 8.116, 20.065 by changing the saturation by 10% instead.

 70, 8.116, 20.065  70, 8.116, 20.065

 100, 8.116, 20.065  60, 8.116, 20.065

 90, 8.116, 20.065  50, 8.116, 20.065


 40, 8.116, 20.065

 30, 8.116, 20.065

 20, 8.116, 20.065

 10, 8.116, 20.065

 0, 8.116, 20.065

 70, 8.116, 20.065  70, 8.116, 20.065

 65, 15.959, 20.945  75, 0.847, 18.873

60, 24.383, 22.040

81, 5.877, 199.075

55, 33.334, 23.463

86, 12.103,
198.625

51, 42.689, 25.316

92, 17.885,
198.288

47, 52.233, 27.707

44, 61.660, 30.697

96, 21.889,
198.069

41, 70.530, 34.171

40, 78.003, 37.577

39, 82.931, 40.002

Harmonies

Complementary

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



70, 8.116, 20.065



74, 7.562, 198.887

Rectangle

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



70, 8.116, 20.065



70, 8.116, 70.065



70, 8.116, 200.065



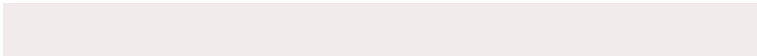
70, 8.116, 250.065

Sweetspot

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



70, 8.115, 20.078



94, 2.592, 19.355



71, 13.918, 325.033



50, 1.987, 19.456



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



70, 8.115, 20.078



87, 11.682, 20.238



73, 6.974, 74.015



37, 4.095, 19.931



32, 72.801, 39.667



3, 12.250, 19.415

Inverse Universe

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



74, 7.562, 198.887



93, 10.745, 198.775



72, 6.789, 256.937



39, 3.863, 198.997



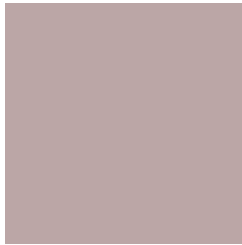
59, 35.051, 196.412



9, 11.660, 196.759

Previews

White Background



This preview shows how the CIELCh color 70, 8.116, 20.065 looks on a white background.

Color Contrast Check

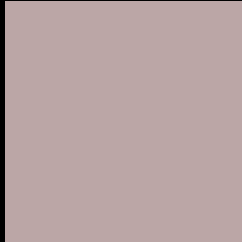
Large Text (above 18pt) WCAG AA × Fail

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 70, 8.116, 20.065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

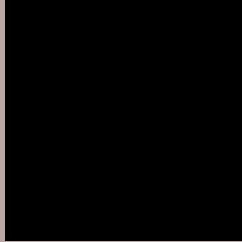
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 8.116, 20.065

Background



This preview shows how black text looks on a background with the CIELCh color 70, 8.116, 20.065.



This preview shows how white text looks on a background with the CIELCh color 70, 8.116, 20.065.

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

70, 8.116, 20.065

Protanopia

70, 1.968, 35.414

Deuteranopia

70, 8.904, 20.141



Tritanopia
70, 11.217, 344.686

Trichromacy



Original Color
70, 8.116, 20.065

Protanomaly
70, 3.854, 27.737

Deuteranomaly
70, 8.510, 20.103

Tritanomaly
70, 9.805, 353.843

Monochromacy



Original Color
70, 8.116, 20.065

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 2.654, 19.449

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 8.116, 20.065 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(187, 166, 166)` looks like.

```
.text, #text, p{  
    color:rgb(187, 166, 166)  
}
```

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(187, 166, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 166, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 8.116, 20.065 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(187, 166, 166) }
```

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

```
.border{ border-color:rgb(187, 166, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 166, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 166, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 166, 166);  
box-shadow:4px 4px 4px 4px rgb(187, 166,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 8.116, 20.065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 166, 166) }
```

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

```
.background{ background-color: rgb(187,  
166, 166) }
```

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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