

Converting Colors

CIELCh(62, 22.726, 7.786)

Have a look what the booklet for
CIELCh(62, 22.726, 7.786) contains.

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Color

CIELCh(62, 22.726, 7.786)

Conversions

Conversions Part 1

Format	Color
Hex	BE8791
RGB	190, 135, 145
RGB Percent	75%, 53%, 57%
CMY	0.2541, 0.4698, 0.4306
CMYK	0.00, 0.29, 0.24, 0.25
HSL	349°, 30%, 64%
HSV	349°, 29%, 75%
XYZ	35.1000, 30.4025, 30.8813
YIQ	152.5850, 29.5700, 14.7700

Conversions

Conversions Part 2

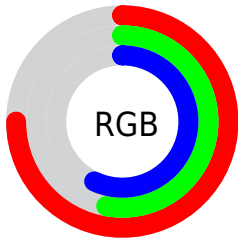
Format	Color
R _Y B	190, 135, 145
Decimal	12486545
CIE Lab	62.00, 22.52, 3.08
CIE LCh	62, 22.726, 7.786
Yxy	30.4025, 0.3642, 0.3154
Android (android.graphics.Color)	4290676625 (0xFFBE8791)
YUV	152.5850, -3.7394, 32.8130
Hunter-Lab	55.1385, 17.1370, 5.3905

Details

The CIELCh color **62, 22.726, 7.786** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **73, 20.035, 182.058**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 22.495, 7.817**, and **42, 22.388, 7.484** is the 20% darker color. If you saturate the color by 10%, you get **57, 31.209, 9.352**, and if you desaturate by 10%, it is **67, 14.508, 6.502**.

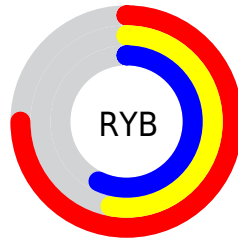
Distribution



Red (75%)

Green (53%)

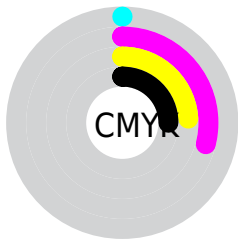
Blue (57%)



Red (75%)

Yellow (53%)

Blue (57%)

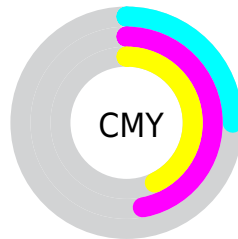


Cyan (0%)

Magenta (29%)

Yellow (24%)

Black (25%)



Cyan (25%)

Magenta (47%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 22.726, 7.786 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 62, 22.726, 7.786 by changing the saturation by 10% instead.

62, 22.726, 7.786

62, 22.726, 7.786

100, 22.726, 7.786

52, 22.726, 7.786

82, 22.726, 7.786

42, 22.726, 7.786

92, 22.726, 7.786

32, 22.726, 7.786

22, 22.726, 7.786

12, 22.726, 7.786

2, 22.726, 7.786

0, 22.726, 7.786

62, 22.726, 7.786

62, 22.726, 7.786

57, 31.209, 9.352

67, 14.508, 6.502

53, 39.789, 11.288

72, 6.661, 5.397

49, 48.204, 13.723

78, 0.778, 185.205

45, 56.137, 16.805

83, 7.803, 183.850

43, 63.292, 20.665

88, 14.432,
183.139

41, 69.511, 25.323

94, 20.692,
182.525

40, 74.942, 30.407

40, 75.532, 30.910

96, 21.095,
196.898

96, 21.041,
198.122

Harmonies

Complementary

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



62, 22.726, 7.786



73, 20.035, 182.058

Rectangle

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



62, 22.726, 7.786



62, 22.726, 57.786



62, 22.726, 187.786



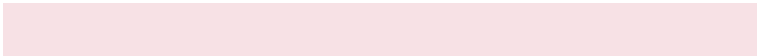
62, 22.726, 237.786

Sweetspot

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



62, 22.724, 7.790



91, 8.322, 5.421



62, 34.754, 320.592



48, 5.853, 5.577



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



62, 22.724, 7.790



75, 34.522, 8.791



66, 18.443, 51.679



37, 4.208, 5.442



33, 65.384, 30.096



3, 12.485, 9.058

Inverse Universe

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



62, 22.724, 7.790



75, 34.522, 8.791



69, 15.621, 236.654



37, 4.208, 5.442



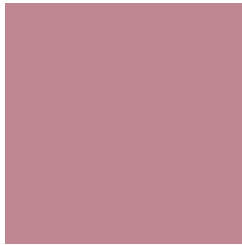
33, 65.384, 30.096



3, 12.485, 9.058

Previews

White Background



This preview shows how the CIELCh color 62, 22.726, 7.786 looks on a white background.

Color Contrast Check

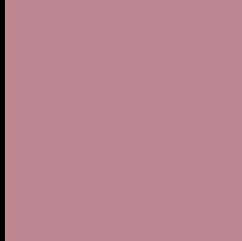
Large Text (above 18pt) WCAG AA × Fail

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 62, 22.726, 7.786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

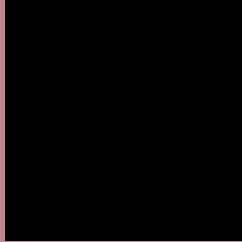
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 22.726, 7.786

Background



This preview shows how black text looks on a background with the CIELCh color 62, 22.726, 7.786.



This preview shows how white text looks on a background with the CIELCh color 62, 22.726, 7.786.

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

62, 22.726, 7.786

Protanopia

62, 2.540, 317.340

Deuteranopia

62, 8.862, 27.411



Tritanopia
62, 22.726, 7.786

Trichromacy



Original Color
62, 22.726, 7.786

Protanomaly
62, 9.265, 359.108

Deuteranomaly
62, 13.718, 13.803

Tritanomaly
62, 22.726, 7.786

Monochromacy



Original Color
62, 22.726, 7.786

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 8.035, 8.160

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 22.726, 7.786 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(190, 135, 145)` looks like.

```
.text, #text, p{  
    color:rgb(190, 135, 145)  
}
```

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(190, 135, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 135, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 22.726, 7.786 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(190, 135, 145) }
```

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

```
.border{ border-color:rgb(190, 135, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 135, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 135, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 135, 145);  
box-shadow:4px 4px 4px 4px rgb(190, 135,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 22.726, 7.786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 135, 145) }
```

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

```
.background{ background-color: rgb(190,  
135, 145) }
```

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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