

Converting Colors

CIELCh(65, 17.910, 6.997)

Have a look what the booklet for
CIELCh(65, 17.910, 6.997) contains.

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Color

CIELCh(65, 17.932, 7.012)

Conversions

Conversions Part 1

Format	Color
Hex	BE929A
RGB	190, 146, 154
RGB Percent	75%, 57%, 60%
CMY	0.2531, 0.4257, 0.3944
CMYK	0.00, 0.23, 0.19, 0.25
HSL	349°, 25%, 66%
HSV	349°, 23%, 75%
XYZ	37.5663, 34.0472, 35.3555
YIQ	160.0680, 23.6560, 11.8160

Conversions

Conversions Part 2

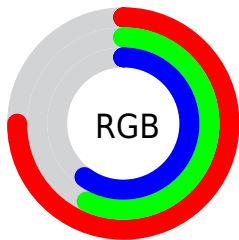
Format	Color
RYB	190, 146, 154
Decimal	12489370
CIELab	65.00, 17.80, 2.19
CIElCh	65, 17.932, 7.012
Yxy	34.0472, 0.3512, 0.3183
Android (android.graphics.Color)	4290679450 (0xFFBE929A)
YUV	160.0680, -2.9915, 26.2504
Hunter-Lab	58.3500, 12.8078, 4.9199

Details

The CIELCh color $65, 17.932, 7.012$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $74, 16.244, 182.622$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 18.008, 7.429$, and $45, 18.078, 6.836$ is the 20% darker color. If you saturate the color by 10%, you get $60, 26.284, 8.409$, and if you desaturate by 10%, it is $70, 9.911, 5.848$.

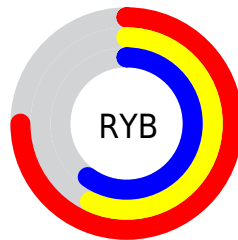
Distribution



Red (75%)

Green (57%)

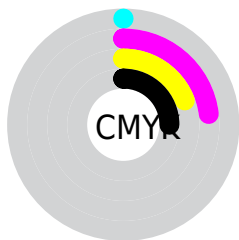
Blue (60%)



Red (75%)

Yellow (57%)

Blue (60%)

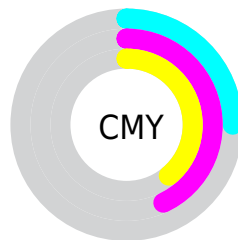


Cyan (0%)

Magenta (23%)

Yellow (19%)

Black (25%)



Cyan (25%)

Magenta (43%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 17.932, 7.012 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 65, 17.932, 7.012 by changing the saturation by 10% instead.

 65, 17.932, 7.012  65, 17.932, 7.012

 100, 17.932, 7.012  55, 17.932, 7.012

 85, 17.932, 7.012  45, 17.932, 7.012

 95, 17.932, 7.012  35, 17.932, 7.012

 25, 17.932, 7.012

 15, 17.932, 7.012

 5, 17.932, 7.012

 0, 17.932, 7.012

 65, 17.932, 7.012  65, 17.932, 7.012

 60, 26.284, 8.409  70, 9.911, 5.848

■ 55, 34.844, 10.114

■ 75, 2.290, 4.715

■ 51, 43.401, 12.243

■ 81, 4.915, 184.204

■ 47, 51.663, 14.932

■ 86, 11.714,
183.425

■ 44, 59.309, 18.328

■ 92, 18.132,
182.775

■ 42, 66.087, 22.532

■ 40, 71.921, 27.472

■ 96, 21.652,
188.401

■ 40, 75.615, 30.918

■ 96, 20.964,
198.127

Harmonies

Complementary

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



65, 17.932, 7.012



74, 16.244, 182.622

Rectangle

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



65, 17.932, 7.012



65, 17.932, 57.012



65, 17.932, 187.012



65, 17.932, 237.012

Sweetspot

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



65, 17.930, 7.017



93, 6.437, 5.206



65, 27.751, 320.333



49, 4.223, 5.272



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



65, 17.930, 7.017



79, 27.203, 7.726



68, 14.435, 52.017



37, 4.208, 5.445



33, 65.386, 30.098



3, 12.485, 9.060

Inverse Universe

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



65, 17.930, 7.017



79, 27.203, 7.726



70, 12.687, 235.890



37, 4.208, 5.445



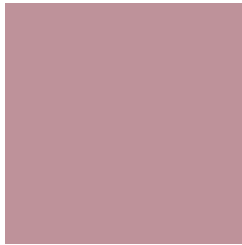
33, 65.386, 30.098



3, 12.485, 9.060

Previews

White Background



This preview shows how the CIELCh color 65, 17.932, 7.012 looks on a white background.

Color Contrast Check

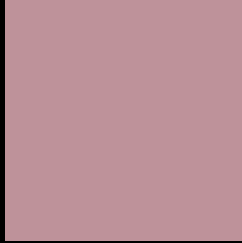
Large Text (above 18pt) WCAG AA × Fail

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 65, 17.932, 7.012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

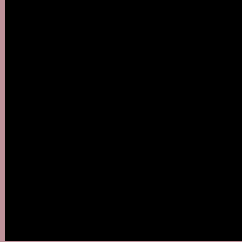
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 17.932, 7.012

Background



This preview shows how black text looks on a background with the CIELCh color 65, 17.932, 7.012.



This preview shows how white text looks on a background with the CIELCh color 65, 17.932, 7.012.

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

65, 17.932, 7.012

Protanopia

65, 2.517, 317.332

Deuteranopia

65, 8.651, 20.168



Tritanopia
65, 18.664, 2.386

Trichromacy



Original Color
65, 17.932, 7.012

Protanomaly
65, 7.724, 354.621

Deuteranomaly
65, 11.934, 12.575

Tritanomaly
65, 18.534, 4.026

Monochromacy



Original Color
65, 17.932, 7.012

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 6.416, 4.988

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 17.932, 7.012 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, 146, 154)` looks like.

```
.text, #text, p{  
    color:rgb(190, 146, 154)  
}
```

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, 146, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 146, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 17.932, 7.012 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, 146, 154) }
```

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

```
.border{ border-color:rgb(190, 146, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 146, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 146, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 146, 154);  
box-shadow:4px 4px 4px 4px rgb(190, 146,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 17.932, 7.012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 146, 154) }
```

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

```
.background{ background-color: rgb(190,  
146, 154) }
```

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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