

Converting Colors

CIELCh(65, 11.401, 29.028)

Have a look what the booklet for
CIELCh(65, 11.401, 29.028) contains.

| | |
|--|----|
| CIELCh(65, 11.714, 28.543) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 20 |
| <i>Color Blindness Simulation</i> | 23 |
| <i>CSS Examples</i> | 26 |

Color

CIELCh(65, 11.714, 28.543)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B49794 |
| RGB | 180, 151, 148 |
| RGB Percent | 71%, 59%, 58% |
| CMY | 0.2935, 0.4072, 0.4190 |
| CMYK | 0.00, 0.16, 0.18, 0.29 |
| HSL | 6°, 18%, 64% |
| HSV | 6°, 18%, 71% |
| XYZ | 35.3073, 34.0472, 32.7905 |
| YIQ | 159.3290, 18.2470, 5.2150 |

Conversions

Conversions Part 2

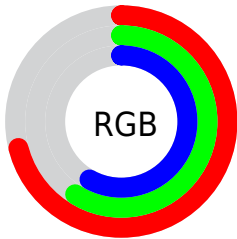
| Format | Color |
|-------------------------------------|---|
| RYB | 180, 151, 148 |
| Decimal | 11835284 |
| CIELab | 65.00, 10.29, 5.60 |
| CIElCh | 65, 11.714, 28.543 |
| Yxy | 34.0472, 0.3457, 0.3333 |
| Android (android.graphics.Color) | 4290025364 (0xFFB49794) |
| YUV | 159.3290, -5.5852, 18.1285 |
| Hunter-Lab | 58.3500, 5.8972, 7.5262 |

Details

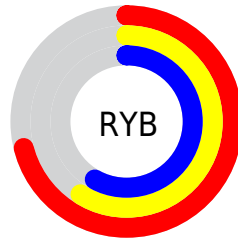
The CIELCh color **65, 11.714, 28.543** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **70, 10.408, 207.751**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 11.736, 27.881**, and **45, 11.893, 29.383** is the 20% darker color. If you saturate the color by 10%, you get **60, 19.068, 29.135**, and if you desaturate by 10%, it is **70, 4.915, 28.101**.

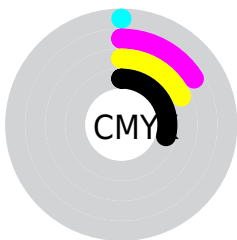
Distribution



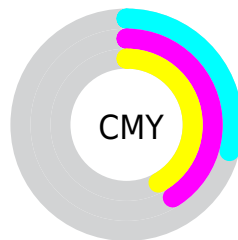
- Red (71%)
- Green (59%)
- Blue (58%)



- Red (71%)
- Yellow (59%)
- Blue (58%)



- Cyan (0%)
- Magenta (16%)
- Yellow (18%)
- Black (29%)



- Cyan (29%)
- Magenta (41%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 11.714, 28.543 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, 11.714, 28.543 by changing the saturation by 10% instead.

■ 65, 11.714, 28.543

■ 65, 11.714, 28.543

■ 100, 11.714,
28.543

■ 55, 11.714, 28.543

■ 85, 11.714, 28.543

■ 45, 11.714, 28.543

■ 95, 11.714, 28.543

■ 35, 11.714, 28.543

■ 25, 11.714, 28.543

■ 15, 11.714, 28.543

■ 5, 11.714, 28.543

■ 0, 11.714, 28.543

■ 65, 11.714, 28.543

■ 65, 11.714, 28.543

■ 60, 19.068, 29.135

■ 70, 4.915, 28.101

56, 26.992, 29.937

74, 1.359, 208.326

52, 35.452, 31.026

79, 7.154, 207.860

48, 44.360, 32.471

84, 12.521,
207.744

45, 53.539, 34.312

89, 17.509,
207.703

42, 62.670, 36.508

40, 71.117, 38.774

94, 22.145,
206.013

38, 77.752, 40.561

95, 23.943,
197.941

38, 79.158, 41.106

Harmonies

Complementary

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



65, 11.714, 28.543



70, 10.408, 207.751

Rectangle

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



65, 11.714, 28.543



65, 11.714, 78.543



65, 11.714, 208.543



65, 11.714, 258.543

Sweetspot

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



65, 11.713, 28.553



90, 3.880, 27.963



65, 20.232, 327.768



47, 2.652, 28.003



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



65, 11.713, 28.553



81, 17.414, 28.741



69, 11.519, 81.599



35, 3.580, 28.170



32, 69.624, 40.969



2, 8.534, 25.897

Inverse Universe

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



70, 10.408, 207.751



88, 15.074, 207.719



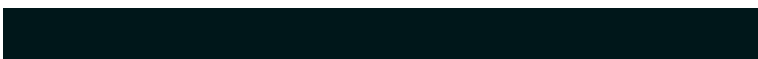
66, 11.260, 266.407



37, 3.373, 207.899



53, 30.665, 212.697



6, 8.051, 212.465

Previews

White Background



This preview shows how the CIELCh color 65, 11.714, 28.543 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 65, 11.714, 28.543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

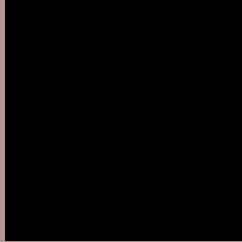
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 11.714, 28.543

Background



This preview shows how black text looks on a background with the CIELCh color 65, 11.714, 28.543.



This preview shows how white text looks on a background with the CIELCh color 65, 11.714, 28.543.

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, 11.714, 28.543

Protanopia

65, 3.837, 79.271

Deuteranopia

65, 10.217, 32.721



Tritanopia
65, 14.410, 353.435

Trichromacy



Original Color
65, 11.714, 28.543

Protanomaly
65, 6.164, 46.414

Deuteranomaly
65, 10.616, 32.279

Tritanomaly
65, 12.593, 5.387

Monochromacy



Original Color
65, 11.714, 28.543

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 4.304, 27.064

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 11.714, 28.543 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(180, 151, 148)` looks like.

```
.text, #text, p{  
    color:rgb(180, 151, 148)  
}
```

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(180, 151, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 151, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 11.714, 28.543 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(180, 151, 148) }
```

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

```
.border{ border-color:rgb(180, 151, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 151, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 151, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 151, 148);  
box-shadow:4px 4px 4px 4px rgb(180, 151,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 11.714, 28.543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 151, 148) }
```

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

```
.background{ background-color: rgb(180,  
151, 148) }
```

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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