

Converting Colors

CIELCh(68, 25.732, 165.724)

Have a look what the booklet for
CIELCh(68, 25.732, 165.724)
contains.

CIELCh(68, 25.848, 165.112)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(68, 25.848, 165.112)

Conversions

Conversions Part 1

Format	Color
Hex	76B299
RGB	118, 178, 153
RGB Percent	46%, 70%, 60%
CMY	0.5374, 0.3021, 0.4001
CMYK	0.34, 0.00, 0.14, 0.30
HSL	155°, 28%, 58%
HSV	155°, 34%, 70%
XYZ	29.1247, 37.9720, 35.9142
YIQ	157.2100, -27.7350, -20.4950

Conversions

Conversions Part 2

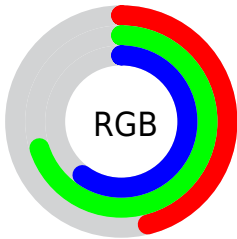
Format	Color
RYB	118, 156, 178
Decimal	7778969
CIELab	68.00, -24.98, 6.64
CIELCh	68, 25.848, 165.112
Yxy	37.9720, 0.2827, 0.3686
Android (android.graphics.Color)	4285969049 (0xFF76B299)
YUV	157.2100, -2.0755, -34.3872
Hunter-Lab	61.6215, -23.4716, 8.5796

Details

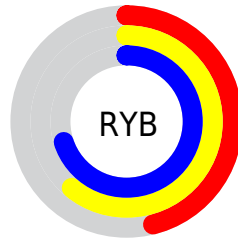
The CIELCh color **68, 25.848, 165.112** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **56, 27.477, 351.877**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 25.941, 164.767**, and **48, 25.729, 164.927** is the 20% darker color. If you saturate the color by 10%, you get **67, 32.986, 163.890**, and if you desaturate by 10%, it is **69, 18.376, 166.210**.

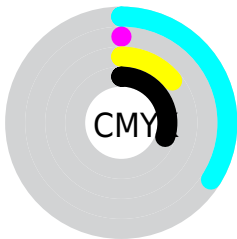
Distribution



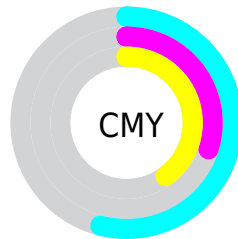
- Red (46%)
- Green (70%)
- Blue (60%)



- Red (46%)
- Yellow (61%)
- Blue (70%)



- Cyan (34%)
- Magenta (0%)
- Yellow (14%)
- Black (30%)




- Cyan (54%)
- Magenta (30%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 25.848, 165.112 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 68, 25.848, 165.112 by changing the saturation by 10% instead.


 68, 25.848,
165.112

 68, 25.848,
165.112


 100, 25.848,
165.112


 58, 25.848,
165.112


 88, 25.848,
165.112

 48, 25.848,
165.112

 98, 25.848,
165.112

 38, 25.848,
165.112

 28, 25.848,
165.112

 18, 25.848,
165.112

 8, 25.848, 165.112

 0, 25.848, 165.112

■ 68, 25.848,
165.112

■ 68, 25.848,
165.112

■ 67, 32.986,
163.890

■ 69, 18.376,
166.210

■ 66, 39.658,
162.524

■ 71, 10.689,
167.215

■ 65, 45.743,
160.987

■ 72, 2.897, 168.219

■ 65, 51.146,
159.258

■ 74, 4.909, 348.831

■ 64, 55.815,
157.322

■ 75, 12.658,
349.653

■ 64, 59.761,
155.182

■ 77, 20.295,
350.384

■ 64, 62.008,
153.814

■ 79, 27.784,
351.066

■ 81, 33.440,
349.725

■ 81, 35.397,
344.176

Harmonies

Complementary

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



68, 25.848, 165.112



56, 27.477, 351.877

Rectangle

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



68, 25.848, 165.112



68, 25.848, 215.112



68, 25.848, 345.112



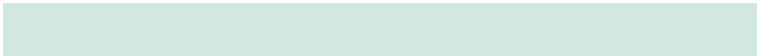
68, 25.848, 35.112

Sweetspot

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



68, 25.849, 165.111



90, 9.679, 167.557



69, 35.159, 129.834



48, 6.655, 167.423



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



68, 25.849, 165.111



86, 37.653, 164.273



68, 18.920, 204.655



37, 4.429, 167.639



56, 55.158, 154.113



7, 11.620, 162.163

Inverse Universe

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



56, 27.477, 351.877



69, 40.502, 352.836



57, 24.016, 27.350



35, 4.507, 349.172



32, 57.727, 9.230



2, 10.162, 354.448

Previews

White Background



This preview shows how the CIELCh color 68, 25.848, 165.112 looks on a white background.

Color Contrast Check

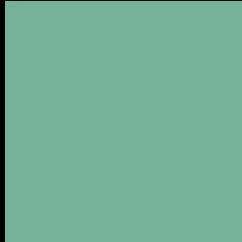
Large Text (above 18pt) WCAG AA × Fail

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 68, 25.848, 165.112 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 68, 25.848, 165.112

Background



This preview shows how black text looks on a background with the CIELCh color 68, 25.848, 165.112.



This preview shows how white text looks on a background with the CIELCh color 68, 25.848, 165.112.

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
68, 25.848, 165.112

Protanopia
68, 10.779, 94.107

Deuteranopia
68, 9.889, 26.589



Tritanopia
68, 17.499, 224.601

Trichromacy



Original Color
68, 25.848, 165.112

Protanomaly
68, 13.518, 139.897

Deuteranomaly
67, 5.982, 132.260

Tritanomaly
68, 18.179, 197.931

Monochromacy



Original Color
68, 25.848, 165.112

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 9.720, 167.714

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 25.848, 165.112 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(118, 178, 153)` looks like.

```
.text, #text, p{  
    color:rgb(118, 178, 153)  
}
```

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(118, 178, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 178, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 25.848, 165.112 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(118, 178, 153) }
```

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

```
.border{ border-color:rgb(118, 178, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 178, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 178, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 178, 153);  
box-shadow:4px 4px 4px 4px rgb(118, 178,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 25.848, 165.112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 178, 153) }
```

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

```
.background{ background-color: rgb(118,  
178, 153) }
```

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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