

Converting Colors

CIELCh(68, 25.488, 201.938)

Have a look what the booklet for
CIELCh(68, 25.488, 201.938)
contains.

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Color

CIELCh(68, 25.339, 202.455)

Conversions

Conversions Part 1

Format	Color
Hex	62B2B6
RGB	98, 178, 182
RGB Percent	38%, 70%, 71%
CMY	0.6144, 0.3007, 0.2850
CMYK	0.46, 0.02, 0.00, 0.29
HSL	183°, 37%, 55%
HSV	183°, 46%, 71%
XYZ	29.5315, 37.9720, 50.2003
YIQ	154.5360, -48.9640, -15.7160

Conversions

Conversions Part 2

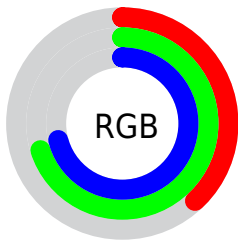
Format	Color
R _Y B	98, 139, 182
Decimal	6468278
CIE Lab	68.00, -23.42, -9.68
CIE LCh	68, 25.339, 202.455
Yxy	37.9720, 0.2509, 0.3226
Android (android.graphics.Color)	4284658358 (0xFF62B2B6)
YUV	154.5360, 13.5398, -49.5821
Hunter-Lab	61.6215, -22.2930, -5.1659

Details

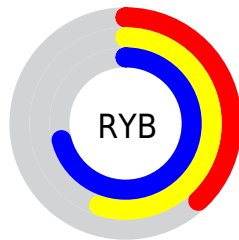
The CIELCh color **68, 25.339, 202.455** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **52, 35.591, 27.449**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 25.304, 202.557**, and **48, 25.388, 202.243** is the 20% darker color. If you saturate the color by 10%, you get **67, 29.151, 202.470**, and if you desaturate by 10%, it is **69, 20.808, 202.552**.

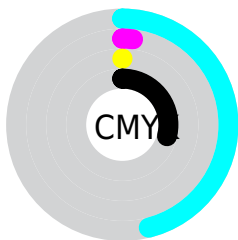
Distribution



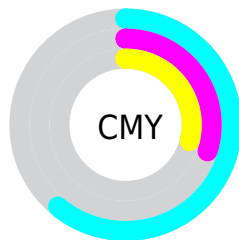
- Red (38%)
- Green (70%)
- Blue (71%)



- Red (38%)
- Yellow (55%)
- Blue (71%)



- Cyan (46%)
- Magenta (2%)
- Yellow (0%)
- Black (29%)





- Cyan (61%)
- Magenta (30%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 25.339, 202.455 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, 25.339, 202.455 by changing the saturation by 10% instead.


 68, 25.339,
202.455


 68, 25.339,
202.455


 100, 25.339,
202.455


 58, 25.339,
202.455


 88, 25.339,
202.455

 48, 25.339,
202.455

 98, 25.339,
202.455

 38, 25.339,
202.455

 28, 25.339,
202.455

 18, 25.339,
202.455

 8, 25.339, 202.455

 0, 25.339, 202.455

68, 25.339,
202.455

68, 25.339,
202.455

67, 29.151,
202.470

69, 20.808,
202.552

66, 32.174,
202.618

70, 15.651,
202.752

66, 34.371,
202.913

72, 9.970, 203.044

65, 35.752,
203.367

73, 3.867, 203.467

75, 2.561, 23.524

65, 36.394,
203.984

77, 9.230, 24.105

65, 36.554,
204.248

78, 16.067, 24.594

80, 23.012, 25.090

82, 27.048, 25.777

Harmonies

Complementary

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



68, 25.339, 202.455



52, 35.591, 27.449

Rectangle

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



68, 25.339, 202.455



68, 25.339, 252.455



68, 25.339, 22.455



68, 25.339, 72.455

Sweetspot

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



68, 25.339, 202.453



91, 10.814, 203.109



67, 54.065, 141.685



49, 7.479, 203.034



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



68, 25.339, 202.453



85, 35.439, 202.468



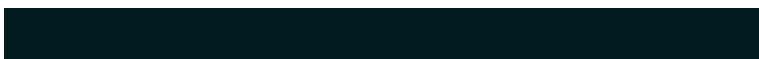
56, 27.750, 267.311



38, 3.602, 203.303



56, 32.532, 204.146



8, 9.763, 204.445

Inverse Universe

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



54, 53.336, 328.247



65, 77.048, 328.725



62, 30.776, 73.023



36, 6.690, 326.234



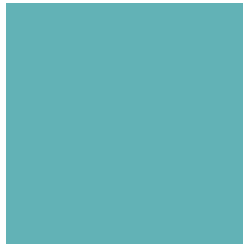
36, 77.001, 330.192



3, 17.936, 326.595

Previews

White Background



This preview shows how the CIELCh color 68, 25.339, 202.455 looks on a white background.

Color Contrast Check

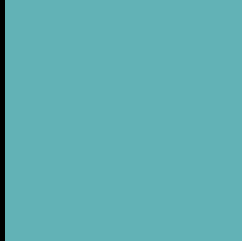
Large Text (above 18pt) WCAG AA × Fail

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 68, 25.339, 202.455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

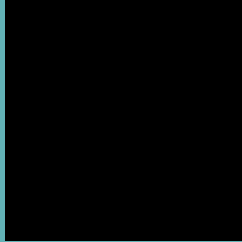
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 25.339, 202.455

Background



This preview shows how black text looks on a background with the CIELCh color 68, 25.339, 202.455.



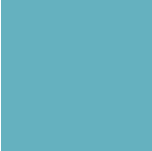
This preview shows how white text looks on a background with the CIELCh color 68, 25.339, 202.455.

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





Tritanopia
68, 24.508, 216.172

Trichromacy



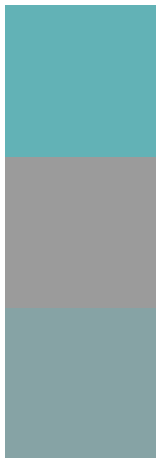
Original Color
68, 25.339, 202.455

Protanomaly
67, 10.556, 220.233

Deuteranomaly
67, 12.357, 252.792

Tritanomaly
68, 24.566, 212.006

Monochromacy



Original Color
68, 25.339, 202.455

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 10.492, 204.660

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 25.339, 202.455 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(98, 178, 182)` looks like.

```
.text, #text, p{  
    color:rgb(98, 178, 182)  
}
```

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(98, 178, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 178, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 25.339, 202.455 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(98, 178, 182) }
```

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

```
.border{ border-color:rgb(98, 178, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 178, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 178, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 178, 182);  
box-shadow:4px 4px 4px 4px rgb(98, 178,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 25.339, 202.455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 178, 182) }
```

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

```
.background{ background-color: rgb(98, 178,  
182) }
```

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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