

Converting Colors

CIELCh(65, 25.678, 197.849)

Have a look what the booklet for
CIELCh(65, 25.678, 197.849)
contains.

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Color

CIELCh(65, 25.503, 198.566)

Conversions

Conversions Part 1

Format	Color
Hex	5AAAAB
RGB	90, 170, 171
RGB Percent	35%, 67%, 67%
CMY	0.6455, 0.3318, 0.3279
CMYK	0.47, 0.01, 0.00, 0.33
HSL	181°, 33%, 51%
HSV	181°, 47%, 67%
XYZ	26.0932, 34.0472, 43.9213
YIQ	146.1940, -48.0010, -16.6490

Conversions

Conversions Part 2

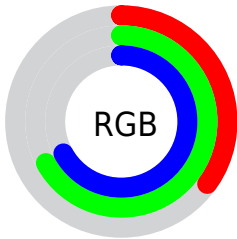
Format	Color
RYB	90, 130, 171
Decimal	5941931
CIELab	65.00, -24.18, -8.12
CIELCh	65, 25.503, 198.566
Yxy	34.0472, 0.2507, 0.3272
Android (android.graphics.Color)	4284132011 (0xFF5AAAAB)
YUV	146.1940, 12.2294, -49.2821
Hunter-Lab	58.3500, -22.2901, -3.7839

Details

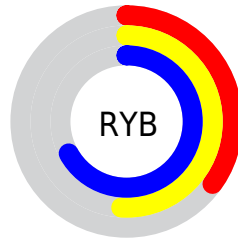
The CIELCh color **65, 25.503, 198.566** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **48, 35.835, 25.239**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 25.559, 197.692**, and **45, 25.283, 199.449** is the 20% darker color. If you saturate the color by 10%, you get **64, 29.213, 198.342**, and if you desaturate by 10%, it is **66, 21.090, 198.861**.

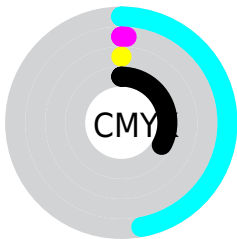
Distribution



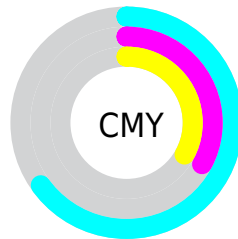
- Red (35%)
- Green (67%)
- Blue (67%)



- Red (35%)
- Yellow (51%)
- Blue (67%)



- Cyan (47%)
- Magenta (1%)
- Yellow (0%)
- Black (33%)





- Cyan (65%)
- Magenta (33%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 25.503, 198.566 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, 25.503, 198.566 by changing the saturation by 10% instead.


 65, 25.503,
198.566


 65, 25.503,
198.566


 100, 25.503,
198.566


 55, 25.503,
198.566


 85, 25.503,
198.566

 45, 25.503,
198.566

 95, 25.503,
198.566

 35, 25.503,
198.566

 25, 25.503,
198.566

 15, 25.503,
198.566

 5, 25.503, 198.566

 0, 25.503, 198.566

65, 25.503,
198.566

65, 25.503,
198.566

64, 29.213,
198.342

66, 21.090,
198.861

64, 32.159,
198.201

67, 16.060,
199.227

63, 34.315,
198.143

68, 10.509,
199.661

63, 35.699,
198.168

69, 4.537, 200.189

71, 1.759, 20.306

63, 36.413,
198.268

72, 8.295, 21.064

63, 36.568,
198.300

74, 14.995, 21.652

75, 21.798, 22.239

77, 28.654, 22.830

Harmonies

Complementary

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



65, 25.503, 198.566



48, 35.835, 25.239

Rectangle

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



65, 25.503, 198.566



65, 25.503, 248.566



65, 25.503, 18.566



65, 25.503, 68.566

Sweetspot

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



65, 25.503, 198.564



86, 10.612, 199.805



64, 53.813, 140.725



46, 7.341, 199.703



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



65, 25.503, 198.564



81, 35.716, 198.329



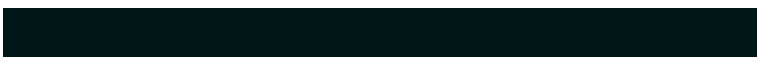
53, 25.962, 263.974



36, 3.558, 200.065



56, 33.230, 198.280



6, 7.659, 200.969

Inverse Universe

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



51, 53.161, 327.240



61, 77.014, 327.705



58, 29.708, 69.594



34, 6.536, 325.252



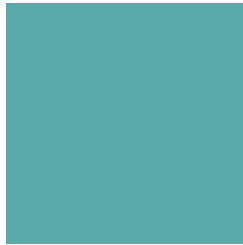
35, 77.227, 328.718



2, 13.686, 324.926

Previews

White Background



This preview shows how the CIE LCh color 65, 25.503, 198.566 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, 25.503, 198.566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

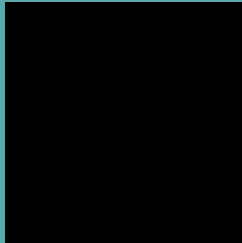
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 25.503, 198.566

Background



This preview shows how black text looks on a background with the CIELCh color 65, 25.503, 198.566.

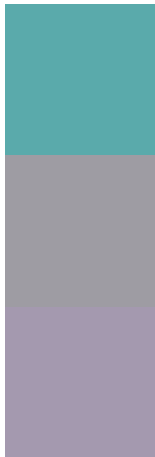


This preview shows how white text looks on a background with the CIELCh color 65, 25.503, 198.566.

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, 25.503, 198.566

Protanopia

65, 3.984, 301.502

Deuteranopia

65, 12.966, 309.623



Tritanopia
65, 24.157, 215.176

Trichromacy



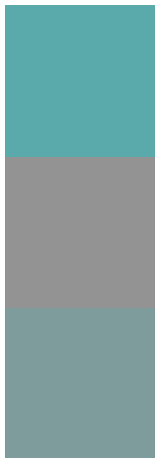
Original Color
65, 25.503, 198.566

Protanomaly
64, 10.353, 214.286

Deuteranomaly
64, 11.235, 247.238

Tritanomaly
65, 24.464, 208.050

Monochromacy



Original Color
65, 25.503, 198.566

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 10.927, 198.457

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 25.503, 198.566 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(90, 170, 171)` looks like.

```
.text, #text, p{  
    color:rgb(90, 170, 171)  
}
```

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(90, 170, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 170, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 25.503, 198.566 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(90, 170, 171) }
```

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

```
.border{ border-color:rgb(90, 170, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 170, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 170, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 170, 171);  
box-shadow:4px 4px 4px 4px rgb(90, 170,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 25.503, 198.566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 170, 171) }
```

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

```
.background{ background-color: rgb(90, 170,  
171) }
```

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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