

Converting Colors

CIELCh(65, 9.144, 198.648)

Have a look what the booklet for
CIELCh(65, 9.144, 198.648) contains.

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Color

CIELCh(65, 9.136, 198.653)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 8AA3A3 |
| RGB | 138, 163, 163 |
| RGB Percent | 54%, 64%, 64% |
| CMY | 0.4604, 0.3624, 0.3624 |
| CMYK | 0.15, 0.00, 0.00, 0.36 |
| HSL | 180°, 12%, 59% |
| HSV | 180°, 15%, 64% |
| XYZ | 30.0131, 34.0472, 39.4476 |
| YIQ | 155.5250, -14.9000, -5.3000 |

Conversions

Conversions Part 2

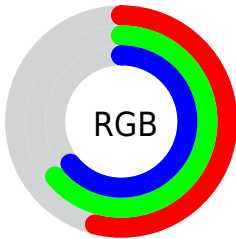
| Format | Color |
|-------------------------------------|--|
| RYB | 138, 151, 163 |
| Decimal | 9085859 |
| CIELab | 65.00, -8.66, -2.92 |
| CIELCh | 65, 9.136, 198.653 |
| Yxy | 34.0472, 0.2900, 0.3289 |
| Android (android.graphics.Color) | 4287275939 (0xFF8AA3A3) |
| YUV | 155.5250, 3.6852, -15.3694 |
| Hunter-Lab | 58.3500, -10.2986, 0.7619 |

Details

The CIELCh color **65, 9.136, 198.653** is a light color, and the websafe version is hex **999999**. A complement of this color would be **60, 10.068, 20.384**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 9.079, 198.825**, and **45, 8.886, 198.416** is the 20% darker color. If you saturate the color by 10%, you get **64, 14.612, 198.152**, and if you desaturate by 10%, it is **66, 3.275, 199.253**.

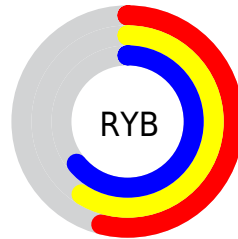
Distribution



Red (54%)

Green (64%)

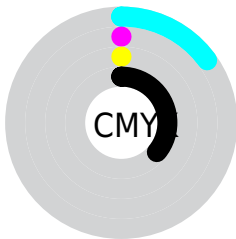
Blue (64%)



Red (54%)

Yellow (59%)

Blue (64%)

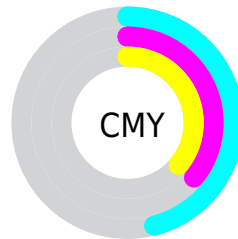


Cyan (15%)

Magenta (0%)

Yellow (0%)

Black (36%)



Cyan (46%)

Magenta (36%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 9.136, 198.653 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, 9.136, 198.653 by changing the saturation by 10% instead.

■ 65, 9.136, 198.653

■ 65, 9.136, 198.653

■ 100, 9.136,
198.653

■ 55, 9.136, 198.653

■ 85, 9.136, 198.653

■ 45, 9.136, 198.653

■ 95, 9.136, 198.653

■ 35, 9.136, 198.653

■ 25, 9.136, 198.653

■ 15, 9.136, 198.653

■ 5, 9.136, 198.653

■ 0, 9.136, 198.653

■ 65, 9.136, 198.653

■ 65, 9.136, 198.653

■ 64, 14.612,

■ 66, 3.275, 199.253

198.152

67, 2.882, 19.493

63, 19.606,
197.718

69, 9.253, 20.182

62, 24.024,
197.343

70, 15.768, 20.798

62, 27.782,
197.029

72, 22.369, 21.414

61, 30.818,
196.779

74, 29.009, 22.033

61, 33.100,
196.593

76, 35.653, 22.652

61, 34.638,
196.469

76, 37.116, 22.787

61, 35.498,
196.399

60, 35.792,
196.375

Harmonies

Complementary

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



65, 9.136, 198.653



60, 10.068, 20.384

Rectangle

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



65, 9.136, 198.653



65, 9.136, 248.653



65, 9.136, 18.653



65, 9.136, 68.653

Sweetspot

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



65, 9.137, 198.645



84, 3.781, 199.275



64, 16.918, 143.102



45, 2.596, 199.222



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



65, 9.137, 198.645



82, 13.146, 198.492



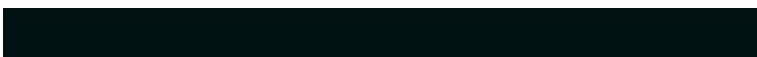
62, 8.161, 255.662



34, 3.428, 198.987



54, 32.968, 196.375



4, 5.463, 199.413

Inverse Universe

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



60, 10.068, 20.384



74, 14.780, 20.640



63, 8.515, 71.744



32, 3.629, 19.897



30, 68.061, 39.261



1, 5.464, 19.399

Previews

White Background



This preview shows how the CIELCh color 65, 9.136, 198.653 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, 9.136, 198.653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

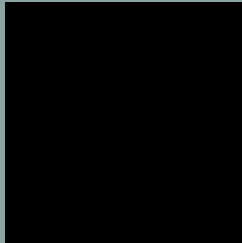
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

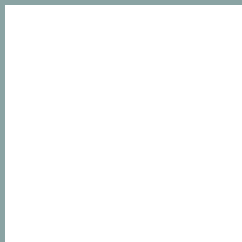
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 9.136, 198.653

Background



This preview shows how black text looks on a background with the CIELCh color 65, 9.136, 198.653.

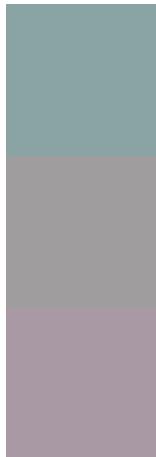


This preview shows how white text looks on a background with the CIELCh color 65, 9.136, 198.653.

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, 9.136, 198.653

Protanopia

65, 1.611, 335.610

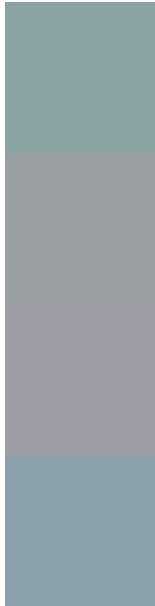
Deuteranopia

65, 9.066, 332.913



Tritanopia
65, 10.235, 244.054

Trichromacy



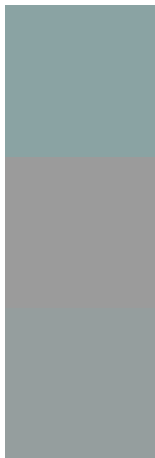
Original Color
65, 9.136, 198.653

Protanomaly
65, 2.684, 211.308

Deuteranomaly
65, 4.531, 300.205

Tritanomaly
65, 9.266, 227.595

Monochromacy



Original Color
65, 9.136, 198.653

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 3.390, 199.235

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 9.136, 198.653 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(138, 163, 163)` looks like.

```
.text, #text, p{  
    color:rgb(138, 163, 163)  
}
```

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(138, 163, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 163, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 9.136, 198.653 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(138, 163, 163) }
```

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

```
.border{ border-color:rgb(138, 163, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 163, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 163, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 163, 163);  
box-shadow:4px 4px 4px 4px rgb(138, 163,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 9.136, 198.653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 163, 163) }
```

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

```
.background{ background-color: rgb(138,  
163, 163) }
```

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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