

Converting Colors

CIELCh(65, 8.169, 150.512)

Have a look what the booklet for
CIELCh(65, 8.169, 150.512) contains.

CIELCh(65, 8.178, 150.508)	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(65, 8.178, 150.508)

Conversions

Conversions Part 1

Format	Color
Hex	93A196
RGB	147, 161, 150
RGB Percent	58%, 63%, 59%
CMY	0.4223, 0.3673, 0.4105
CMYK	0.09, 0.00, 0.07, 0.37
HSL	133°, 7%, 61%
HSV	133°, 9%, 63%
XYZ	30.4216, 34.0472, 33.9570
YIQ	155.5600, -4.8130, -6.3890

Conversions

Conversions Part 2

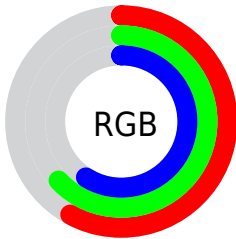
Format	Color
RYB	147, 159, 161
Decimal	9675158
CIELab	65.00, -7.12, 4.03
CIELCh	65, 8.178, 150.508
Yxy	34.0472, 0.3091, 0.3459
Android (android.graphics.Color)	4287865238 (0xFF93A196)
YUV	155.5600, -2.7411, -7.5071
Hunter-Lab	58.3500, -9.0490, 6.3409

Details

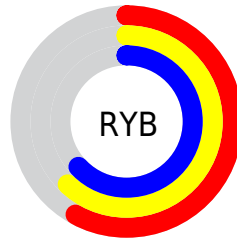
The CIELCh color $65, 8.178, 150.508$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 8.207, 331.532$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 8.373, 150.123$, and $45, 8.065, 150.893$ is the 20% darker color. If you saturate the color by 10%, you get $64, 17.679, 149.758$, and if you desaturate by 10%, it is $67, 1.240, 330.893$.

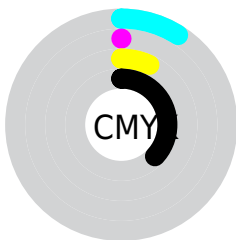
Distribution



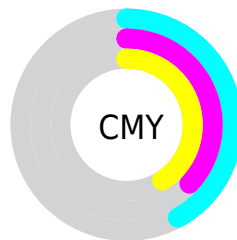
- Red (58%)
- Green (63%)
- Blue (59%)



- Red (58%)
- Yellow (62%)
- Blue (63%)



- Cyan (9%)
- Magenta (0%)
- Yellow (7%)
- Black (37%)



- Cyan (42%)
- Magenta (37%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 8.178, 150.508 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, 8.178, 150.508 by changing the saturation by 10% instead.

■ 65, 8.178, 150.508

■ 65, 8.178, 150.508

■ 100, 8.178,
150.508

■ 55, 8.178, 150.508

■ 85, 8.178, 150.508

■ 45, 8.178, 150.508

■ 95, 8.178, 150.508

■ 35, 8.178, 150.508

■ 25, 8.178, 150.508

■ 15, 8.178, 150.508

■ 5, 8.178, 150.508

■ 0, 8.178, 150.508

■ 65, 8.178, 150.508

■ 65, 8.178, 150.508

■ 64, 17.679,

■ 67, 1.240, 330.893

149.758

68, 10.499,
331.635

62, 27.148,
148.907

70, 19.540,
332.131

61, 36.447,
147.927

72, 28.327,
332.562

60, 45.406,
146.798

74, 36.841,
332.942

59, 53.836,
145.511

76, 45.072,
333.281

59, 61.537,
144.066

78, 52.006,
331.842

58, 68.317,
142.487

78, 57.003,
327.426

58, 74.004,
140.826

79, 58.345,
326.431

58, 78.532,
139.234

Harmonies

Complementary

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



65, 8.178, 150.508



63, 8.207, 331.532

Rectangle

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



65, 8.178, 150.508



65, 8.178, 200.508



65, 8.178, 330.508



65, 8.178, 20.508

Sweetspot

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



65, 8.180, 150.507



83, 3.473, 150.935



66, 7.815, 117.421



44, 2.630, 150.867



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



65, 8.180, 150.507



82, 11.647, 150.399



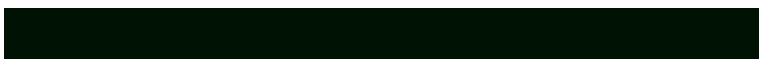
65, 5.805, 175.248



34, 5.382, 150.464



52, 72.969, 139.216



4, 8.473, 150.324

Inverse Universe

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



63, 8.207, 331.532



78, 11.687, 331.631



62, 5.950, 356.697



32, 5.400, 331.571



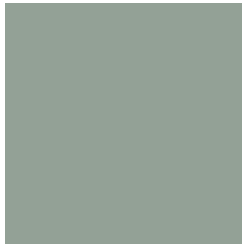
32, 64.610, 338.784



1, 8.057, 332.872

Previews

White Background



This preview shows how the CIELCh color 65, 8.178, 150.508 looks on a white background.

Color Contrast Check

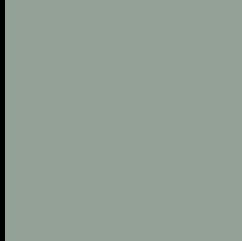
Large Text (above 18pt) WCAG AA × Fail

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, 8.178, 150.508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

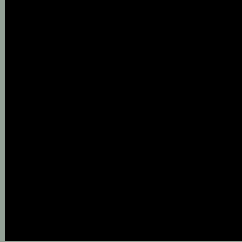
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

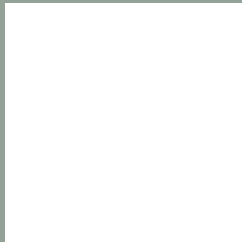
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 8.178, 150.508

Background



This preview shows how black text looks on a background with the CIELCh color 65, 8.178, 150.508.



This preview shows how white text looks on a background with the CIELCh color 65, 8.178, 150.508.

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, 8.178, 150.508

Protanopia

65, 5.500, 84.234

Deuteranopia

65, 9.064, 20.214



Tritanopia
65, 7.615, 271.339

Trichromacy



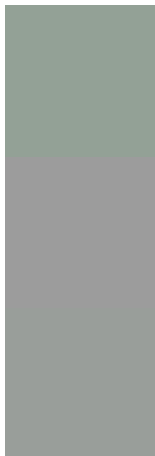
Original Color
65, 8.178, 150.508

Protanomaly
65, 5.594, 117.582

Deuteranomaly
65, 4.486, 49.201

Tritanomaly
65, 3.987, 233.220

Monochromacy



Original Color
65, 8.178, 150.508

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 2.946, 150.424

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 8.178, 150.508 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(147, 161, 150)` looks like.

```
.text, #text, p{  
    color:rgb(147, 161, 150)  
}
```

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(147, 161, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 161, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 8.178, 150.508 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(147, 161, 150) }
```

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

```
.border{ border-color:rgb(147, 161, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 161, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 161, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 161, 150);  
box-shadow:4px 4px 4px 4px rgb(147, 161,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 8.178, 150.508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 161, 150) }
```

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

```
.background{ background-color: rgb(147,  
161, 150) }
```

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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