

Converting Colors

CIELCh(65, 9.233, 155.612)

Have a look what the booklet for
CIELCh(65, 9.233, 155.612) contains.

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Color

CIELCh(65, 8.965, 155.780)

Conversions

Conversions Part 1

Format	Color
Hex	91A297
RGB	145, 162, 151
RGB Percent	57%, 64%, 59%
CMY	0.4318, 0.3651, 0.4082
CMYK	0.11, 0.00, 0.07, 0.37
HSL	141°, 8%, 60%
HSV	141°, 11%, 63%
XYZ	30.1402, 34.0472, 34.2192
YIQ	155.6630, -6.6010, -7.0250

Conversions

Conversions Part 2

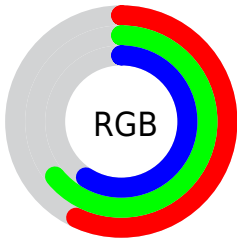
Format	Color
RYB	145, 158, 162
Decimal	9544343
CIELab	65.00, -8.18, 3.68
CIElCh	65, 8.965, 155.780
Yxy	34.0472, 0.3063, 0.3460
Android (android.graphics.Color)	4287734423 (0xFF91A297)
YUV	155.6630, -2.2989, -9.3515
Hunter-Lab	58.3500, -9.9096, 6.0745

Details

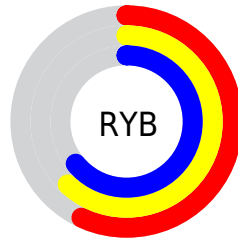
The CIELCh color $65, 8.965, 155.780$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $62, 9.029, 337.216$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 9.113, 155.109$, and $45, 8.912, 156.452$ is the 20% darker color. If you saturate the color by 10%, you get $64, 17.543, 154.938$, and if you desaturate by 10%, it is $67, 0.419, 157.197$.

Distribution



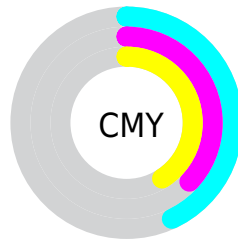
- Red (57%)
- Green (64%)
- Blue (59%)



- Red (57%)
- Yellow (62%)
- Blue (64%)



- Cyan (11%)
- Magenta (0%)
- Yellow (7%)
- Black (37%)



- Cyan (43%)
- Magenta (37%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 8.965, 155.780 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, 8.965, 155.780 by changing the saturation by 10% instead.

65, 8.965, 155.780

65, 8.965, 155.780

100, 8.965,
155.780

55, 8.965, 155.780

85, 8.965, 155.780

45, 8.965, 155.780

95, 8.965, 155.780

35, 8.965, 155.780

25, 8.965, 155.780

15, 8.965, 155.780

5, 8.965, 155.780

0, 8.965, 155.780

65, 8.965, 155.780

65, 8.965, 155.780

64, 17.543,

67, 0.419, 157.197

154.938

68, 8.021, 337.081

62, 26.044,
153.995

70, 16.295,
337.680

61, 34.345,
152.920

72, 24.363,
338.210

60, 42.302,
151.691

74, 32.202,
338.689

60, 49.764,
150.287

76, 39.797,
339.126

59, 56.587,
148.695

78, 46.380,
338.394

59, 62.654,
146.916

78, 50.041,
333.615

58, 67.892,
144.972

78, 54.033,
329.595

58, 72.191,
143.112

Harmonies

Complementary

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



65, 8.965, 155.780



62, 9.029, 337.216

Rectangle

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



65, 8.965, 155.780



65, 8.965, 205.780



65, 8.965, 335.780



65, 8.965, 25.780

Sweetspot

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



65, 8.967, 155.778



84, 3.170, 156.411



66, 9.684, 123.130



45, 2.424, 156.331



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, 8.967, 155.778



82, 13.821, 155.555



65, 6.527, 186.337



34, 4.859, 155.876



53, 66.392, 143.321



4, 7.737, 155.097

Inverse Universe

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



62, 9.029, 337.216



78, 13.933, 337.427



62, 6.839, 8.004



32, 4.891, 337.122



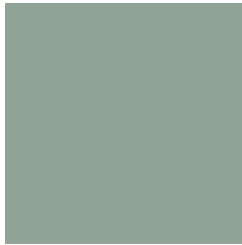
31, 59.062, 348.436



1, 7.245, 339.121

Previews

White Background



This preview shows how the CIELCh color 65, 8.965, 155.780 looks on a white background.

Color Contrast Check

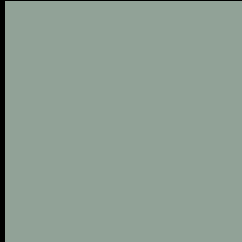
Large Text (above 18pt) WCAG AA × Fail

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, 8.965, 155.780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

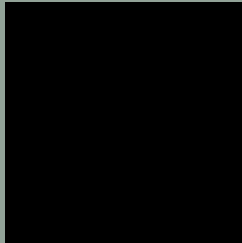
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

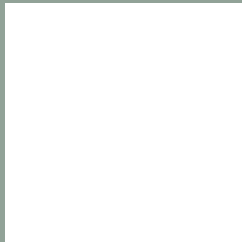
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 8.965, 155.780

Background



This preview shows how black text looks on a background with the CIELCh color 65, 8.965, 155.780.

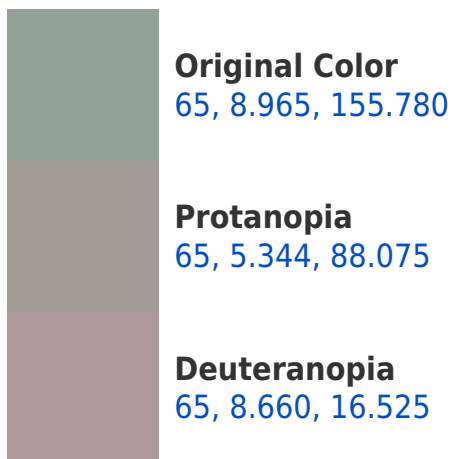


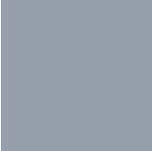
This preview shows how white text looks on a background with the CIELCh color 65, 8.965, 155.780.

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
65, 7.694, 259.581

Trichromacy



Original Color
65, 8.965, 155.780

Protanomaly
65, 5.666, 121.461

Deuteranomaly
65, 3.499, 58.740

Tritanomaly
65, 5.253, 224.198

Monochromacy



Original Color
65, 8.965, 155.780

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 3.211, 155.497

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 8.965, 155.780 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(145, 162, 151)` looks like.

```
.text, #text, p{  
    color:rgb(145, 162, 151)  
}
```

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(145, 162, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 162, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 8.965, 155.780 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(145, 162, 151) }
```

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

```
.border{ border-color:rgb(145, 162, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 162, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 162, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 162, 151);  
box-shadow:4px 4px 4px 4px rgb(145, 162,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 8.965, 155.780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 162, 151) }
```

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

```
.background{ background-color: rgb(145,  
162, 151) }
```

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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