

Converting Colors

CIELCh(65, 9.459, 166.320)

Have a look what the booklet for
CIELCh(65, 9.459, 166.320) contains.

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Color

CIELCh(65, 9.755, 163.897)

Conversions

Conversions Part 1

Format	Color
Hex	8EA399
RGB	142, 163, 153
RGB Percent	56%, 64%, 60%
CMY	0.4447, 0.3624, 0.4016
CMYK	0.13, 0.00, 0.06, 0.36
HSL	151°, 10%, 60%
HSV	151°, 13%, 64%
XYZ	29.8241, 34.0472, 34.9584
YIQ	155.5810, -9.3060, -7.5620

Conversions

Conversions Part 2

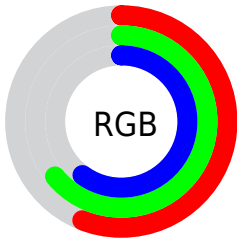
Format	Color
RYB	142, 156, 163
Decimal	9347993
CIELab	65.00, -9.37, 2.71
CIELCh	65, 9.755, 163.897
Yxy	34.0472, 0.3018, 0.3445
Android (android.graphics.Color)	4287538073 (0xFF8EA399)
YUV	155.5810, -1.2724, -11.9105
Hunter-Lab	58.3500, -10.8768, 5.3234

Details

The CIELCh color $65, 9.755, 163.897$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $61, 9.935, 346.017$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 9.849, 162.847$, and $45, 9.438, 163.694$ is the 20% darker color. If you saturate the color by 10%, you get $64, 17.258, 162.930$, and if you desaturate by 10%, it is $66, 2.196, 164.877$.

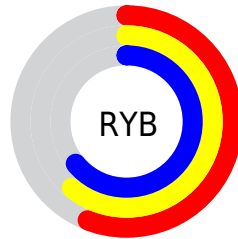
Distribution



Red (56%)

Green (64%)

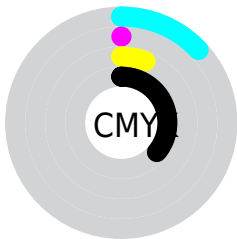
Blue (60%)



Red (56%)

Yellow (61%)

Blue (64%)

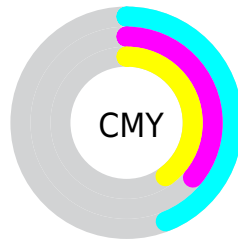


Cyan (13%)

Magenta (0%)

Yellow (6%)

Black (36%)



Cyan (44%)

Magenta (36%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 9.755, 163.897 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, 9.755, 163.897 by changing the saturation by 10% instead.

■ 65, 9.755, 163.897

■ 65, 9.755, 163.897

■ 100, 9.755,
163.897

■ 55, 9.755, 163.897

■ 85, 9.755, 163.897

■ 45, 9.755, 163.897

■ 95, 9.755, 163.897

■ 35, 9.755, 163.897

■ 25, 9.755, 163.897

■ 15, 9.755, 163.897

■ 5, 9.755, 163.897

■ 0, 9.755, 163.897

■ 65, 9.755, 163.897

■ 65, 9.755, 163.897

■ 64, 17.258,

■ 66, 2.196, 164.877

162.930

68, 5.343, 345.433

63, 24.601,
161.869

70, 12.796,
346.192

62, 31.670,
160.683

71, 20.117,
346.870

61, 38.342,
159.349

73, 27.273,
347.497

60, 44.496,
157.841

75, 34.245,
348.083

60, 50.032,
156.140

77, 40.903,
348.496

59, 54.885,
154.233

77, 42.969,
343.735

59, 59.050,
152.125

78, 45.332,
339.485

59, 61.726,
150.613

Harmonies

Complementary

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



65, 9.755, 163.897



61, 9.935, 346.017

Rectangle

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



65, 9.755, 163.897



65, 9.755, 213.897



65, 9.755, 343.897



65, 9.755, 33.897

Sweetspot

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



65, 9.757, 163.894



84, 3.741, 164.735



65, 12.377, 129.098



45, 2.681, 164.657



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, 9.757, 163.894



82, 14.043, 163.672



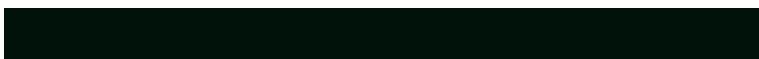
65, 7.596, 200.269



34, 4.287, 164.230



53, 56.590, 150.850



4, 6.920, 162.307

Inverse Universe

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



61, 9.935, 346.017



76, 14.344, 346.241



61, 8.240, 21.529



32, 4.346, 345.678



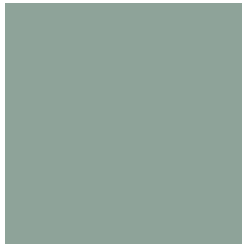
31, 55.642, 3.331



1, 6.489, 347.519

Previews

White Background



This preview shows how the CIELCh color 65, 9.755, 163.897 looks on a white background.

Color Contrast Check

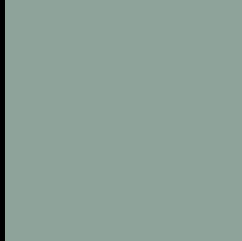
Large Text (above 18pt) WCAG AA × Fail

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, 9.755, 163.897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

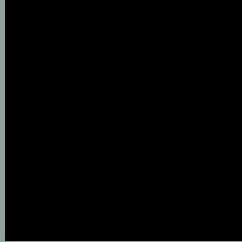
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

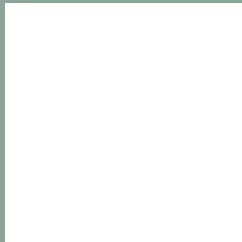
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 9.755, 163.897

Background



This preview shows how black text looks on a background with the CIELCh color 65, 9.755, 163.897.



This preview shows how white text looks on a background with the CIELCh color 65, 9.755, 163.897.

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](#).

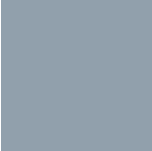
Dichromacy



Original Color
65, 9.755, 163.897

Protanopia
65, 4.830, 85.765

Deuteranopia
65, 8.762, 9.299



Tritanopia
65, 8.476, 251.208

Trichromacy



Original Color
65, 9.755, 163.897

Protanomaly
65, 5.233, 126.866

Deuteranomaly
65, 2.563, 45.031

Tritanomaly
65, 6.575, 218.775

Monochromacy



Original Color
65, 9.755, 163.897

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 3.797, 163.335

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 9.755, 163.897 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(142, 163, 153)` looks like.

```
.text, #text, p{  
    color:rgb(142, 163, 153)  
}
```

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(142, 163, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 163, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 9.755, 163.897 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(142, 163, 153) }
```

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

```
.border{ border-color:rgb(142, 163, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 163, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 163, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 163, 153);  
box-shadow:4px 4px 4px 4px rgb(142, 163,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 9.755, 163.897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 163, 153) }
```

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

```
.background{ background-color: rgb(142,  
163, 153) }
```

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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