

Converting Colors

CIELCh(65, 9.650, 186.887)

Have a look what the booklet for
CIELCh(65, 9.650, 186.887) contains.

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Color

CIELCh(65, 9.891, 185.540)

Conversions

Conversions Part 1

Format	Color
Hex	89A39F
RGB	137, 163, 159
RGB Percent	54%, 64%, 62%
CMY	0.4625, 0.3605, 0.3762
CMYK	0.16, 0.00, 0.02, 0.36
HSL	171°, 12%, 59%
HSV	171°, 16%, 64%
XYZ	29.6998, 34.0472, 37.8372
YIQ	154.7700, -14.2120, -6.7560

Conversions

Conversions Part 2

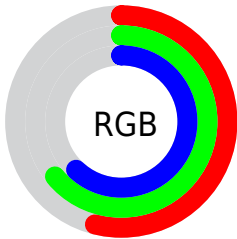
Format	Color
RYB	137, 151, 163
Decimal	9020319
CIELab	65.00, -9.84, -0.95
CIElCh	65, 9.891, 185.540
Yxy	34.0472, 0.2924, 0.3352
Android (android.graphics.Color)	4287210399 (0xFF89A39F)
YUV	154.7700, 2.0854, -15.5843
Hunter-Lab	58.3500, -11.2569, 2.3982

Details

The CIELCh color $65, 9.891, 185.540$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $60, 10.621, 8.275$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 9.766, 186.294$, and $45, 9.573, 187.489$ is the 20% darker color. If you saturate the color by 10%, you get $64, 15.752, 184.638$, and if you desaturate by 10%, it is $66, 3.748, 186.454$.

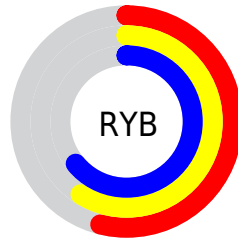
Distribution



Red (54%)

Green (64%)

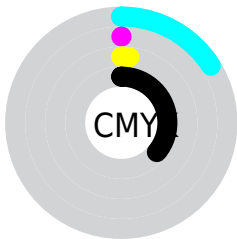
Blue (62%)



Red (54%)

Yellow (59%)

Blue (64%)

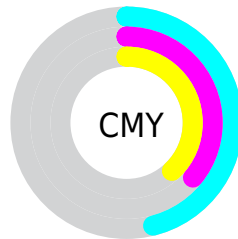


Cyan (16%)

Magenta (0%)

Yellow (2%)

Black (36%)



Cyan (46%)

Magenta (36%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 9.891, 185.540 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, 9.891, 185.540 by changing the saturation by 10% instead.

65, 9.891, 185.540

65, 9.891, 185.540

100, 9.891,
185.540

55, 9.891, 185.540

85, 9.891, 185.540

45, 9.891, 185.540

95, 9.891, 185.540

35, 9.891, 185.540

25, 9.891, 185.540

15, 9.891, 185.540

5, 9.891, 185.540

0, 9.891, 185.540

65, 9.891, 185.540

65, 9.891, 185.540

64, 15.752,

66, 3.748, 186.454

184.638



68, 2.591, 6.981

63, 21.229,
183.713



69, 9.046, 7.901

62, 26.220,
182.740



71, 15.554, 8.697

61, 30.627,
181.703



72, 22.066, 9.462

61, 34.368,
180.584



74, 34.955, 10.924

60, 37.394,
179.363



77, 36.499, 9.493

60, 39.694,
178.018



77, 36.632, 7.427

60, 41.330,
176.541

60, 41.919,
175.941

Harmonies

Complementary

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



65, 9.891, 185.540



60, 10.621, 8.275

Rectangle

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



65, 9.891, 185.540



65, 9.891, 235.540



65, 9.891, 5.540



65, 9.891, 55.540

Sweetspot

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



65, 9.892, 185.534



84, 3.901, 186.545



65, 16.767, 139.027



45, 2.680, 186.473



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, 9.892, 185.534



82, 14.477, 185.231



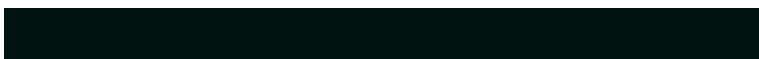
63, 7.861, 237.244



34, 3.551, 186.134



54, 38.460, 176.107



4, 5.698, 183.679

Inverse Universe

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



60, 10.621, 8.275



74, 15.797, 8.658



62, 8.527, 54.435



32, 3.699, 7.572



30, 62.365, 31.628



1, 5.589, 7.972

Previews

White Background



This preview shows how the CIELCh color 65, 9.891, 185.540 looks on a white background.

Color Contrast Check

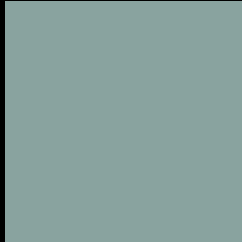
Large Text (above 18pt) WCAG AA × Fail

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, 9.891, 185.540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

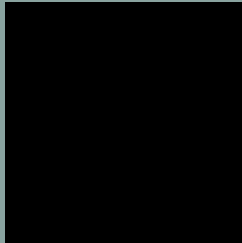
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

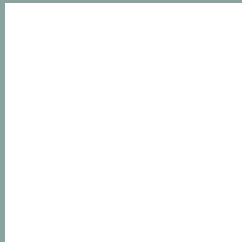
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 9.891, 185.540

Background



This preview shows how black text looks on a background with the CIELCh color 65, 9.891, 185.540.

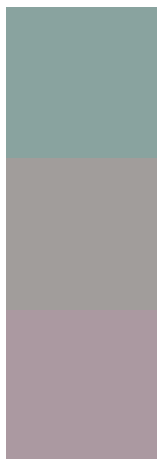


This preview shows how white text looks on a background with the CIELCh color 65, 9.891, 185.540.

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, 9.891, 185.540

Protanopia

65, 1.888, 55.189

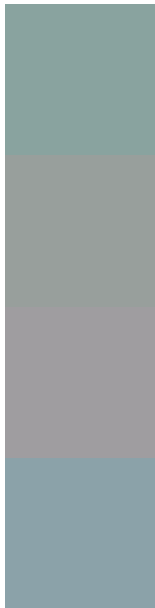
Deuteranopia

65, 8.245, 347.627



Tritanopia
65, 10.235, 244.054

Trichromacy



Original Color
65, 9.891, 185.540

Protanomaly
65, 3.158, 167.432

Deuteranomaly
65, 1.848, 314.666

Tritanomaly
65, 9.050, 224.355

Monochromacy



Original Color
65, 9.891, 185.540

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 3.958, 182.811

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 9.891, 185.540 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(137, 163, 159)` looks like.

```
.text, #text, p{  
    color:rgb(137, 163, 159)  
}
```

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(137, 163, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 163, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 9.891, 185.540 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(137, 163, 159) }
```

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

```
.border{ border-color:rgb(137, 163, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 163, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 163, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 163, 159);  
box-shadow:4px 4px 4px 4px rgb(137, 163,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 9.891, 185.540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 163, 159) }
```

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

```
.background{ background-color: rgb(137,  
163, 159) }
```

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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