

Converting Colors

CIELCh(65, 9.962, 150.401)

Have a look what the booklet for
CIELCh(65, 9.962, 150.401) contains.

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Color

CIELCh(65, 9.779, 151.129)

Conversions

Conversions Part 1

Format	Color
Hex	91A295
RGB	145, 162, 149
RGB Percent	57%, 64%, 58%
CMY	0.4312, 0.3646, 0.4155
CMYK	0.10, 0.00, 0.08, 0.36
HSL	134°, 8%, 60%
HSV	134°, 10%, 64%
XYZ	30.0375, 34.0472, 33.4372
YIQ	155.4350, -5.9590, -7.6470

Conversions

Conversions Part 2

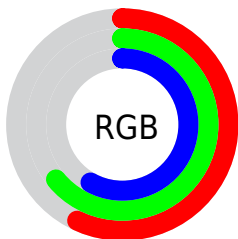
Format	Color
RYB	145, 159, 162
Decimal	9544341
CIELab	65.00, -8.56, 4.72
CIELCh	65, 9.779, 151.129
Yxy	34.0472, 0.3080, 0.3491
Android (android.graphics.Color)	4287734421 (0xFF91A295)
YUV	155.4350, -3.1725, -9.1515
Hunter-Lab	58.3500, -10.2238, 6.8691

Details

The CIELCh color $65, 9.779, 151.129$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $62, 9.818, 332.425$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 9.888, 150.806$, and $45, 9.782, 151.403$ is the 20% darker color. If you saturate the color by 10%, you get $64, 19.170, 150.354$, and if you desaturate by 10%, it is $67, 0.450, 152.367$.

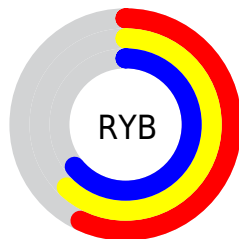
Distribution



Red (57%)

Green (64%)

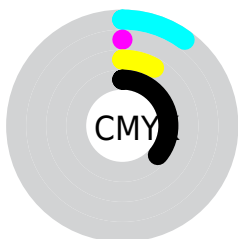
Blue (58%)



Red (57%)

Yellow (62%)

Blue (64%)

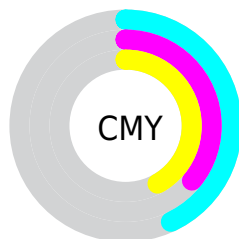


Cyan (10%)

Magenta (0%)

Yellow (8%)

Black (36%)



Cyan (43%)

Magenta (36%)

Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 9.779, 151.129 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, 9.779, 151.129 by changing the saturation by 10% instead.

 65, 9.779, 151.129

 65, 9.779, 151.129

 100, 9.779,
151.129

 55, 9.779, 151.129

 85, 9.779, 151.129

 45, 9.779, 151.129

 95, 9.779, 151.129

 35, 9.779, 151.129

 25, 9.779, 151.129


 15, 9.779, 151.129

 5, 9.779, 151.129

 0, 9.779, 151.129

 65, 9.779, 151.129

 65, 9.779, 151.129

 64, 19.170,

 67, 0.450, 152.367

150.354

68, 8.737, 332.307

62, 28.503,
149.471

70, 17.721,
332.829

61, 37.638,
148.454

72, 26.461,
333.282

60, 46.408,
147.286

74, 34.935,
333.683

60, 54.625,
145.954

76, 43.132,
334.041

59, 62.101,
144.459

78, 50.351,
333.182

59, 68.659,
142.823

78, 55.135,
328.575

58, 74.153,
141.100

79, 57.917,
326.416

58, 78.395,
139.554

Harmonies

Complementary

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



65, 9.779, 151.129



62, 9.818, 332.425

Rectangle

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



65, 9.779, 151.129



65, 9.779, 201.129



65, 9.779, 331.129



65, 9.779, 21.129

Sweetspot

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



65, 9.781, 151.128



84, 3.454, 151.696



66, 9.514, 118.619



45, 2.642, 151.626



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, 9.781, 151.128



82, 15.082, 150.923



65, 6.898, 177.424



34, 5.300, 151.217



52, 72.096, 139.729



4, 8.358, 150.994

Inverse Universe

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



62, 9.818, 332.425



78, 15.145, 332.609



62, 7.130, 359.242



32, 5.319, 332.343



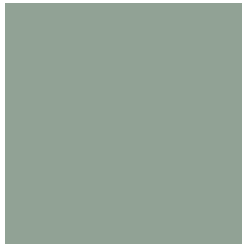
32, 63.648, 340.094



1, 7.921, 333.785

Previews

White Background



This preview shows how the CIELCh color 65, 9.779, 151.129 looks on a white background.

Color Contrast Check

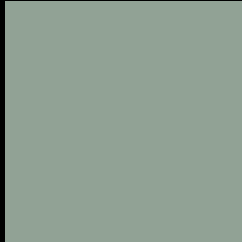
Large Text (above 18pt) WCAG AA × Fail

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, 9.779, 151.129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

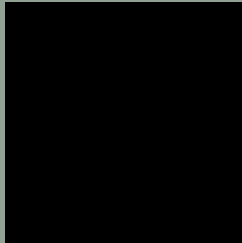
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 9.779, 151.129

Background



This preview shows how black text looks on a background with the CIELCh color 65, 9.779, 151.129.



This preview shows how white text looks on a background with the CIELCh color 65, 9.779, 151.129.

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, 9.779, 151.129

Protanopia

65, 6.524, 88.212

Deuteranopia

65, 9.104, 23.681



Tritanopia
65, 7.523, 261.948

Trichromacy



Original Color
65, 9.779, 151.129

Protanomaly
65, 6.753, 119.458

Deuteranomaly
65, 4.554, 66.319

Tritanomaly
65, 4.726, 219.830

Monochromacy



Original Color
65, 9.779, 151.129

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 3.882, 153.497

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 9.779, 151.129 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, 149)` looks like.

```
.text, #text, p{  
    color:rgb(145, 162, 149)  
}
```

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, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 162, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 9.779, 151.129 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, 149) }
```

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

```
.border{ border-color:rgb(145, 162, 149) }
```

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, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 162, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 162, 149);  
box-shadow:4px 4px 4px 4px rgb(145, 162,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 9.779, 151.129 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, 149) }
```

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

```
.background{ background-color: rgb(145,  
162, 149) }
```

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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