

Converting Colors

CIELCh(65, 12.074, 155.369)

Have a look what the booklet for
CIELCh(65, 12.074, 155.369)
contains.

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Color

CIELCh(65, 12.177, 155.267)

Conversions

Conversions Part 1

Format	Color
Hex	8CA394
RGB	140, 163, 148
RGB Percent	55%, 64%, 58%
CMY	0.4498, 0.3596, 0.4185
CMYK	0.14, 0.00, 0.09, 0.36
HSL	141°, 11%, 60%
HSV	141°, 14%, 64%
XYZ	29.3818, 34.0472, 33.1606
YIQ	154.4130, -8.8930, -9.5410

Conversions

Conversions Part 2

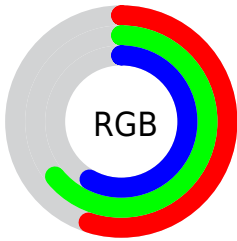
Format	Color
RYB	140, 157, 163
Decimal	9216916
CIELab	65.00, -11.06, 5.09
CIElCh	65, 12.177, 155.267
Yxy	34.0472, 0.3042, 0.3525
Android (android.graphics.Color)	4287406996 (0xFF8CA394)
YUV	154.4130, -3.1616, -12.6402
Hunter-Lab	58.3500, -12.2296, 7.1502

Details

The CIELCh color $65, 12.177, 155.267$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $61, 12.279, 337.263$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 12.156, 154.890$, and $45, 12.060, 154.314$ is the 20% darker color. If you saturate the color by 10%, you get $64, 20.836, 154.395$, and if you desaturate by 10%, it is $66, 3.516, 156.085$.

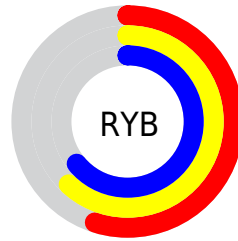
Distribution



Red (55%)

Green (64%)

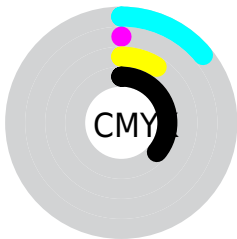
Blue (58%)



Red (55%)

Yellow (62%)

Blue (64%)

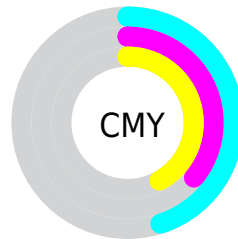


Cyan (14%)

Magenta (0%)

Yellow (9%)

Black (36%)



Cyan (45%)


Magenta (36%)


Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 12.177, 155.267 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, 12.177, 155.267 by changing the saturation by 10% instead.


 65, 12.177,
155.267


 65, 12.177,
155.267


 100, 12.177,
155.267


 55, 12.177,
155.267


 85, 12.177,
155.267

 45, 12.177,
155.267

 95, 12.177,
155.267

 35, 12.177,
155.267

 25, 12.177,
155.267

 15, 12.177,
155.267

 5, 12.177, 155.267

 0, 12.177, 155.267

65, 12.177,
155.267

65, 12.177,
155.267

64, 20.836,
154.395

66, 3.516, 156.085

63, 29.376,
153.409

68, 5.061, 336.610

61, 37.664,
152.283

70, 13.489,
337.247

61, 45.549,
150.994

72, 21.720,
337.795

60, 52.880,
149.525

74, 29.725,
338.287

59, 59.516,
147.867

76, 37.486,
338.735


59, 65.351,
146.027


78, 44.998,
339.145

59, 70.330,

78, 48.759,
334.228

144.042

 79, 52.783,
329.990

 59, 72.972,
142.915

Harmonies

Complementary

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



65, 12.177, 155.267



61, 12.279, 337.263

Rectangle

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



65, 12.177, 155.267



65, 12.177, 205.267



65, 12.177, 335.267



65, 12.177, 25.267

Sweetspot

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



65, 12.179, 155.265



84, 4.247, 156.086



66, 13.047, 122.300



45, 3.045, 156.021



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, 12.179, 155.265



82, 18.160, 154.996



65, 8.828, 184.677



34, 4.878, 155.656



53, 66.665, 143.138



4, 7.763, 154.904

Inverse Universe

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



61, 12.279, 337.263



75, 18.336, 337.512



60, 9.377, 7.090



32, 4.909, 336.896



32, 59.230, 348.036



1, 7.272, 338.880

Previews

White Background



This preview shows how the CIELCh color 65, 12.177, 155.267 looks on a white background.

Color Contrast Check

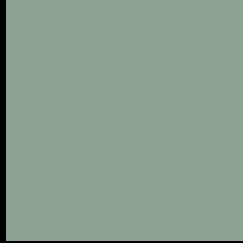
Large Text (above 18pt) WCAG AA × Fail

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, 12.177, 155.267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

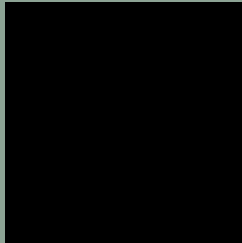
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

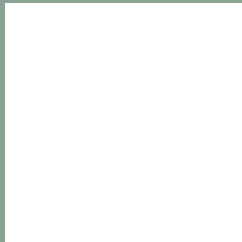
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 12.177, 155.267

Background



This preview shows how black text looks on a background with the CIELCh color 65, 12.177, 155.267.



This preview shows how white text looks on a background with the CIELCh color 65, 12.177, 155.267.

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](#).

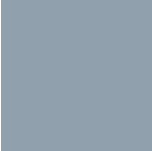
Dichromacy



Original Color
65, 12.177, 155.267

Protanopia
65, 7.045, 89.750

Deuteranopia
65, 9.104, 23.681



Tritanopia
65, 8.696, 249.379

Trichromacy



Original Color
65, 12.177, 155.267

Protanomaly
65, 7.377, 121.648

Deuteranomaly
65, 4.054, 74.461

Tritanomaly
65, 6.699, 208.482

Monochromacy



Original Color
65, 12.177, 155.267

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 4.157, 157.196

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 12.177, 155.267 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(140, 163, 148)` looks like.

```
.text, #text, p{  
    color:rgb(140, 163, 148)  
}
```

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(140, 163, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 163, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 12.177, 155.267 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(140, 163, 148) }
```

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

```
.border{ border-color:rgb(140, 163, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 163, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 163, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 163, 148);  
box-shadow:4px 4px 4px 4px rgb(140, 163,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 12.177, 155.267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 163, 148) }
```

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

```
.background{ background-color: rgb(140,  
163, 148) }
```

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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