

Converting Colors

CIELCh(65, 10.842, 152.909)

Have a look what the booklet for
CIELCh(65, 10.842, 152.909)
contains.

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Color

CIELCh(65, 10.966, 153.451)

Conversions

Conversions Part 1

Format	Color
Hex	8FA395
RGB	143, 163, 149
RGB Percent	56%, 64%, 58%
CMY	0.4405, 0.3621, 0.4170
CMYK	0.12, 0.00, 0.09, 0.36
HSL	138°, 10%, 60%
HSV	138°, 12%, 64%
XYZ	29.7090, 34.0472, 33.3037
YIQ	155.4240, -7.4260, -8.5940

Conversions

Conversions Part 2

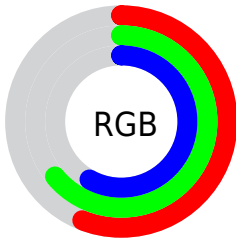
Format	Color
RYB	143, 158, 163
Decimal	9413525
CIELab	65.00, -9.81, 4.90
CIElCh	65, 10.966, 153.451
Yxy	34.0472, 0.3061, 0.3508
Android (android.graphics.Color)	4287603605 (0xFF8FA395)
YUV	155.4240, -3.1670, -10.8958
Hunter-Lab	58.3500, -11.2287, 7.0047

Details

The CIELCh color $65, 10.966, 153.451$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $61, 11.031, 335.089$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 11.011, 153.077$, and $45, 10.770, 152.319$ is the 20% darker color. If you saturate the color by 10%, you get $64, 19.933, 152.624$, and if you desaturate by 10%, it is $67, 2.029, 154.279$.

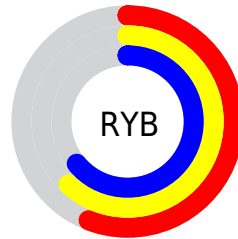
Distribution



Red (56%)

Green (64%)

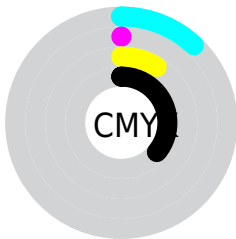
Blue (58%)



Red (56%)

Yellow (62%)

Blue (64%)

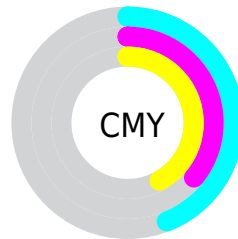


Cyan (12%)

Magenta (0%)

Yellow (9%)

Black (36%)



Cyan (44%)


Magenta (36%)


Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 10.966, 153.451 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, 10.966, 153.451 by changing the saturation by 10% instead.


 65, 10.966,
153.451


 65, 10.966,
153.451


 100, 10.966,
153.451


 55, 10.966,
153.451


 85, 10.966,
153.451

 45, 10.966,
153.451

 95, 10.966,
153.451

 35, 10.966,
153.451

 25, 10.966,
153.451

 15, 10.966,
153.451

 5, 10.966, 153.451

 0, 10.966, 153.451

65, 10.966,
153.451

65, 10.966,
153.451

64, 19.933,
152.624

67, 2.029, 154.279

62, 28.811,
151.687

68, 6.798, 334.720

61, 37.466,
150.612

70, 15.449,
335.301

60, 45.741,
149.379

72, 23.882,
335.804

60, 53.469,
147.972

74, 32.071,
336.254

59, 60.491,
146.386

76, 40.001,
336.661


59, 66.673,
144.631


78, 47.323,
336.484

58, 71.921,

78, 51.468,
331.617

142.750

 79, 55.960,
327.595

 58, 75.407,
141.349

Harmonies

Complementary

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



65, 10.966, 153.451



61, 11.031, 335.089

Rectangle

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



65, 10.966, 153.451



65, 10.966, 203.451



65, 10.966, 333.451



65, 10.966, 23.451

Sweetspot

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



65, 10.968, 153.450



84, 4.399, 154.095



66, 11.285, 121.116



45, 3.153, 154.033



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, 10.968, 153.450



82, 16.600, 153.213



65, 7.815, 182.227



34, 5.053, 153.683



52, 69.108, 141.553



4, 8.011, 153.173

Inverse Universe

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



61, 11.031, 335.089



77, 16.711, 335.305



61, 8.197, 4.351



32, 5.079, 334.871



32, 60.942, 344.471



1, 7.531, 336.677

Previews

White Background



This preview shows how the CIELCh color 65, 10.966, 153.451 looks on a white background.

Color Contrast Check

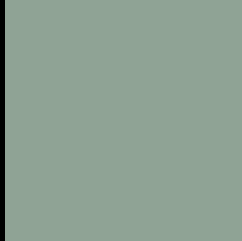
Large Text (above 18pt) WCAG AA × Fail

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, 10.966, 153.451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

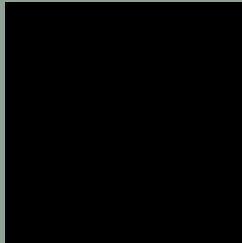
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

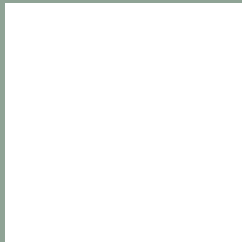
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 10.966, 153.451

Background



This preview shows how black text looks on a background with the CIELCh color 65, 10.966, 153.451.

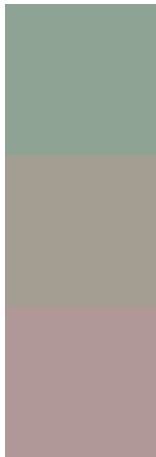


This preview shows how white text looks on a background with the CIELCh color 65, 10.966, 153.451.

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](#).

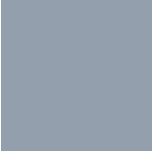
Dichromacy



Original Color
65, 10.966, 153.451

Protanopia
65, 6.524, 88.212

Deuteranopia
65, 9.104, 23.681



Tritanopia
65, 8.338, 259.559

Trichromacy



Original Color
65, 10.966, 153.451

Protanomaly
65, 6.753, 119.458

Deuteranomaly
65, 4.293, 70.156

Tritanomaly
65, 5.913, 221.181

Monochromacy



Original Color
65, 10.966, 153.451

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, 10.966, 153.451 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(143, 163, 149)` looks like.

```
.text, #text, p{  
    color:rgb(143, 163, 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(143, 163, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 163, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 10.966, 153.451 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(143, 163, 149) }
```

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

```
.border{ border-color:rgb(143, 163, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 163, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 163, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 163, 149);  
box-shadow:4px 4px 4px 4px rgb(143, 163,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 10.966, 153.451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 163, 149) }
```

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

```
.background{ background-color: rgb(143,  
163, 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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