

Converting Colors

CIELCh(66, 19.359, 152.756)

Have a look what the booklet for
CIELCh(66, 19.359, 152.756)
contains.

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Color

CIELCh(66, 19.567, 152.924)

Conversions

Conversions Part 1

Format	Color
Hex	85A990
RGB	133, 169, 144
RGB Percent	52%, 66%, 56%
CMY	0.4788, 0.3377, 0.4357
CMYK	0.21, 0.00, 0.15, 0.34
HSL	138°, 17%, 59%
HSV	138°, 21%, 66%
XYZ	28.8500, 35.3238, 31.6411
YIQ	155.3860, -13.4310, -15.4070

Conversions

Conversions Part 2

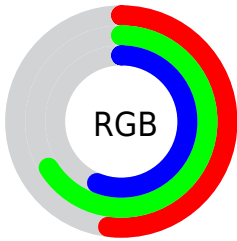
Format	Color
RYB	133, 161, 169
Decimal	8759696
CIELab	66.00, -17.42, 8.91
CIElCh	66, 19.567, 152.924
Yxy	35.3238, 0.3011, 0.3687
Android (android.graphics.Color)	4286949776 (0xFF85A990)
YUV	155.3860, -5.6133, -19.6325
Hunter-Lab	59.4338, -17.3628, 10.0391

Details

The CIELCh color **66, 19.567, 152.924** is a light color, and the websafe version is hex **669999**. A complement of this color would be **60, 19.741, 335.987**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 19.188, 152.976**, and **46, 19.473, 153.017** is the 20% darker color. If you saturate the color by 10%, you get **65, 28.696, 151.992**, and if you desaturate by 10%, it is **67, 10.362, 153.746**.

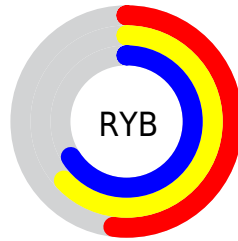
Distribution



Red (52%)

Green (66%)

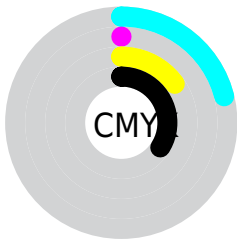
Blue (56%)



Red (52%)

Yellow (63%)

Blue (66%)

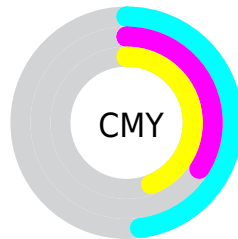


Cyan (21%)

Magenta (0%)

Yellow (15%)

Black (34%)



Cyan (48%)


Magenta (34%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 19.567, 152.924 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 66, 19.567, 152.924 by changing the saturation by 10% instead.


 66, 19.567,
152.924


 66, 19.567,
152.924


 100, 19.567,
152.924


 56, 19.567,
152.924


 86, 19.567,
152.924

 46, 19.567,
152.924

 96, 19.567,
152.924

 36, 19.567,
152.924

 26, 19.567,
152.924

 16, 19.567,
152.924

 6, 19.567, 152.924

 0, 19.567, 152.924

66, 19.567,
152.924

66, 19.567,
152.924

65, 28.696,
151.992

67, 10.362,
153.746

64, 37.606,
150.924

69, 1.191, 154.677

63, 46.138,
149.698

71, 7.858, 335.012

62, 54.122,
148.298

73, 16.723,
335.588

61, 61.393,
146.716

74, 25.360,
336.090

61, 67.812,
144.962

77, 33.744,
336.540


61, 73.282,
143.072

79, 41.862,
336.947

60, 77.329,

79, 46.929,
332.761

141.459

 80, 51.501,
328.146

Harmonies

Complementary

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



66, 19.567, 152.924



60, 19.741, 335.987

Rectangle

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



66, 19.567, 152.924



66, 19.567, 202.924



66, 19.567, 332.924



66, 19.567, 22.924

Sweetspot

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



66, 19.568, 152.923



86, 6.776, 154.151



68, 20.144, 120.591



46, 4.489, 154.102



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



66, 19.568, 152.923



83, 29.510, 152.459



66, 13.769, 181.366



35, 5.163, 153.903



53, 69.765, 141.694



5, 9.697, 152.836

Inverse Universe

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



60, 19.741, 335.987



73, 29.815, 336.381



59, 14.990, 5.383



33, 5.190, 335.103



32, 61.487, 344.906



2, 8.903, 337.748

Previews

White Background



This preview shows how the CIELCh color 66, 19.567, 152.924 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 66, 19.567, 152.924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

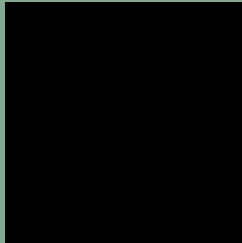
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 19.567, 152.924

Background



This preview shows how black text looks on a background with the CIELCh color 66, 19.567, 152.924.

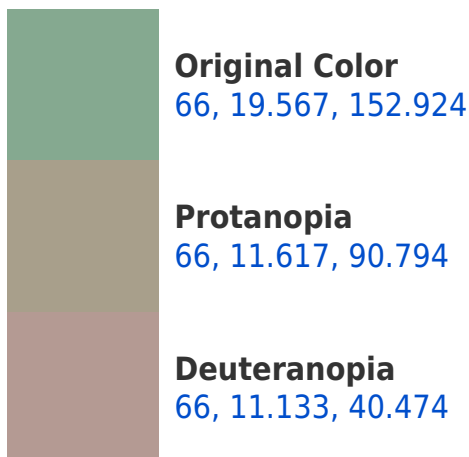


This preview shows how white text looks on a background with the CIELCh color 66, 19.567, 152.924.

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





Tritanopia
66, 11.203, 239.062

Trichromacy



Original Color
66, 19.567, 152.924

Protanomaly
66, 12.548, 123.487

Deuteranomaly
65, 7.346, 96.987

Tritanomaly
66, 10.553, 195.507

Monochromacy



Original Color
66, 19.567, 152.924

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 7.097, 154.081

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 19.567, 152.924 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(133, 169, 144)` looks like.

```
.text, #text, p{  
    color:rgb(133, 169, 144)  
}
```

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(133, 169, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 169, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 19.567, 152.924 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(133, 169, 144) }
```

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

```
.border{ border-color:rgb(133, 169, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 169, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 169, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 169, 144);  
box-shadow:4px 4px 4px 4px rgb(133, 169,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 19.567, 152.924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 169, 144) }
```

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

```
.background{ background-color: rgb(133,  
169, 144) }
```

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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