

Converting Colors

CIELCh(66, 9.642, 18.617)

Have a look what the booklet for
CIELCh(66, 9.642, 18.617) contains.

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Color

CIELCh(66, 9.429, 20.237)

Conversions

Conversions Part 1

Format	Color
Hex	B39B9B
RGB	179, 155, 155
RGB Percent	70%, 61%, 61%
CMY	0.2986, 0.3927, 0.3927
CMYK	0.00, 0.13, 0.13, 0.30
HSL	0°, 14%, 65%
HSV	0°, 13%, 70%
XYZ	36.1590, 35.3238, 35.8607
YIQ	162.1760, 14.3040, 5.0880

Conversions

Conversions Part 2

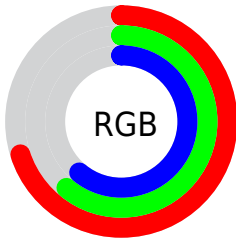
Format	Color
RYB	179, 155, 155
Decimal	11770779
CIELab	66.00, 8.85, 3.26
CIELCh	66, 9.429, 20.237
Yxy	35.3238, 0.3369, 0.3291
Android (android.graphics.Color)	4289960859 (0xFFB39B9B)
YUV	162.1760, -3.5378, 14.7546
Hunter-Lab	59.4338, 4.5885, 5.8298

Details

The CIELCh color $66, 9.429, 20.237$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 8.662, 198.762$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 9.627, 20.065$, and $46, 9.344, 20.534$ is the 20% darker color. If you saturate the color by 10%, you get $61, 17.104, 21.152$, and if you desaturate by 10%, it is $71, 2.309, 19.399$.

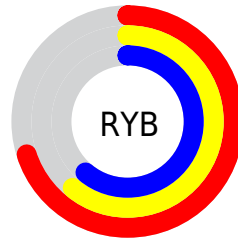
Distribution



Red (70%)

Green (61%)

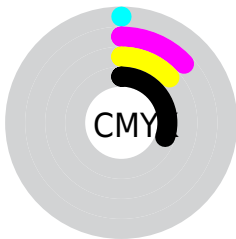
Blue (61%)



Red (70%)

Yellow (61%)

Blue (61%)

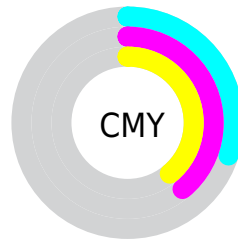


Cyan (0%)

Magenta (13%)

Yellow (13%)

Black (30%)



Cyan (30%)

Magenta (39%)

Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 9.429, 20.237 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, 9.429, 20.237 by changing the saturation by 10% instead.

 66, 9.429, 20.237  66, 9.429, 20.237

 100, 9.429, 20.237  56, 9.429, 20.237

 86, 9.429, 20.237  46, 9.429, 20.237

 96, 9.429, 20.237  36, 9.429, 20.237

 26, 9.429, 20.237

 16, 9.429, 20.237

 6, 9.429, 20.237

 0, 9.429, 20.237

 66, 9.429, 20.237  66, 9.429, 20.237

 61, 17.104, 21.152  71, 2.309, 19.399

56, 25.329, 22.304

76, 4.279, 199.203

52, 34.044, 23.803

82, 10.378,
198.710

48, 43.111, 25.751

87, 16.040,
198.354

44, 52.307, 28.253

41, 61.320, 31.346

92, 21.314,
198.073

39, 69.685, 34.860

95, 24.311,
197.918

38, 76.463, 38.122

37, 80.103, 39.975

Harmonies

Complementary

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



66, 9.429, 20.237



71, 8.662, 198.762

Rectangle

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



66, 9.429, 20.237



66, 9.429, 70.237



66, 9.429, 200.237



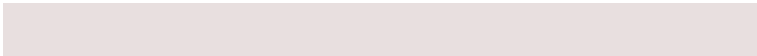
66, 9.429, 250.237

Sweetspot

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



66, 9.428, 20.248



89, 3.350, 19.474



67, 16.050, 325.153



48, 2.407, 19.550



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



66, 9.428, 20.248



82, 14.050, 20.486



69, 8.074, 73.760



35, 3.910, 19.923



31, 70.929, 39.528



2, 9.155, 19.413

Inverse Universe

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



71, 8.662, 198.762



89, 12.663, 198.609



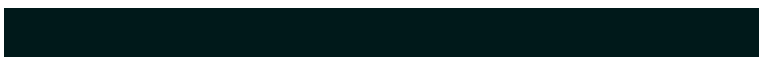
68, 7.812, 257.244



37, 3.690, 198.998



57, 34.220, 196.406



7, 9.136, 199.119

Previews

White Background



This preview shows how the CIELCh color 66, 9.429, 20.237 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 CIE LCh color 66, 9.429, 20.237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

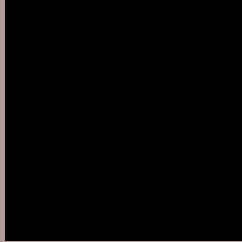
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

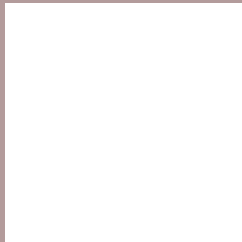
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 9.429, 20.237

Background



This preview shows how black text looks on a background with the CIELCh color 66, 9.429, 20.237.



This preview shows how white text looks on a background with the CIELCh color 66, 9.429, 20.237.

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

66, 9.429, 20.237

Protanopia

66, 1.881, 55.190

Deuteranopia

66, 9.029, 20.197



Tritanopia
66, 12.323, 348.068

Trichromacy



Original Color
66, 9.429, 20.237

Protanomaly
66, 4.293, 27.060

Deuteranomaly
66, 9.029, 20.197

Tritanomaly
66, 10.799, 359.498

Monochromacy



Original Color
66, 9.429, 20.237

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 3.467, 19.587

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 9.429, 20.237 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(179, 155, 155)` looks like.

```
.text, #text, p{  
    color:rgb(179, 155, 155)  
}
```

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(179, 155, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 155, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 9.429, 20.237 is called "border". The border property can be set on classes, ids or directly on the HTML element.

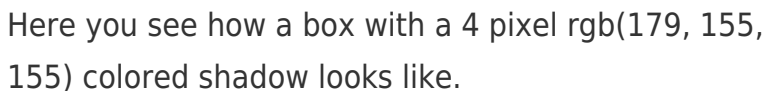
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 155, 155) }
```

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

```
.border{ border-color:rgb(179, 155, 155) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 155, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 155, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 155, 155);  
box-shadow:4px 4px 4px 4px rgb(179, 155,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 9.429, 20.237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 155, 155) }
```

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

```
.background{ background-color: rgb(179,  
155, 155) }
```

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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