

Converting Colors

CIELCh(66, 0.762, 69.148)

Have a look what the booklet for
CIELCh(66, 0.762, 69.148) contains.

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Color

CIELCh(66, 0.662, 74.801)

Conversions

Conversions Part 1

Format	Color
Hex	A1A09F
RGB	161, 160, 159
RGB Percent	63%, 63%, 62%
CMY	0.3678, 0.3717, 0.3756
CMYK	0.00, 0.01, 0.01, 0.37
HSL	30°, 1%, 63%
HSV	30°, 1%, 63%
XYZ	33.6237, 35.3238, 37.9426
YIQ	160.1850, 0.9170, -0.0990

Conversions

Conversions Part 2

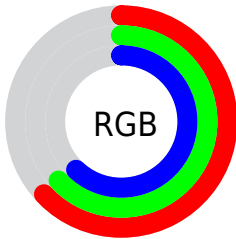
Format	Color
RYB	161, 161, 159
Decimal	10592415
CIELab	66.00, 0.17, 0.64
CIELCh	66, 0.662, 74.801
Yxy	35.3238, 0.3146, 0.3305
Android (android.graphics.Color)	4288782495 (0xFFA1A09F)
YUV	160.1850, -0.5842, 0.7148
Hunter-Lab	59.4338, -3.0258, 3.7529

Details

The CIELCh color $66, 0.662, 74.801$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 0.673, 256.184$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 0.625, 74.685$, and $46, 0.712, 74.880$ is the 20% darker color. If you saturate the color by 10%, you get $63, 6.189, 74.180$, and if you desaturate by 10%, it is $69, 4.633, 256.666$.

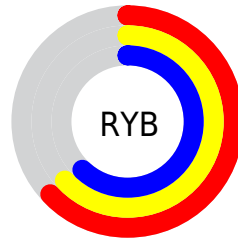
Distribution



Red (63%)

Green (63%)

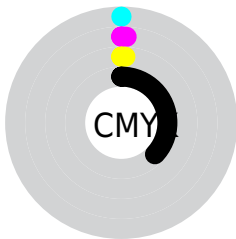
Blue (62%)



Red (63%)

Yellow (63%)

Blue (62%)

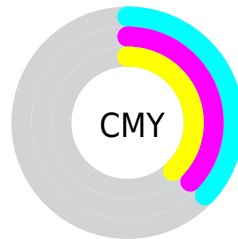


Cyan (0%)

Magenta (1%)

Yellow (1%)

Black (37%)



Cyan (37%)

Magenta (37%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 0.662, 74.801 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, 0.662, 74.801 by changing the saturation by 10% instead.

 66, 0.662, 74.801  66, 0.662, 74.801

100, 0.662, 74.801  56, 0.662, 74.801

 86, 0.662, 74.801  46, 0.662, 74.801

 96, 0.662, 74.801  36, 0.662, 74.801

 26, 0.662, 74.801

 16, 0.662, 74.801

 6, 0.662, 74.801

 0, 0.662, 74.801

 66, 0.662, 74.801  66, 0.662, 74.801

 63, 6.189, 74.180  69, 4.633, 256.666

61, 11.967, 72.985

71, 9.722, 257.766

58, 18.015, 71.759

74, 14.626,
258.852

56, 24.336, 70.518

77, 19.366,
259.901

54, 30.909, 69.263

51, 37.664, 67.978

79, 23.962,
260.909

49, 44.431, 66.615

82, 28.021,
261.261

47, 50.861, 65.062

45, 56.332, 63.090

84, 25.861,
250.857

86, 24.648,
239.167

88, 24.487,
226.963

Harmonies

Complementary

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



66, 0.662, 74.801



66, 0.673, 256.184

Rectangle

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



66, 0.662, 74.801



66, 0.662, 124.801



66, 0.662, 254.801



66, 0.662, 304.801

Sweetspot

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



66, 0.663, 74.957



84, 0.010, 296.813



66, 0.953, 343.387



44, 0.006, 296.813



92, 0.011, 296.813

Same Dimension

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



66, 0.663, 74.957



84, 0.659, 74.879



66, 1.097, 110.012



35, 0.304, 74.833



39, 55.833, 61.488



3, 4.650, 70.297

Inverse Universe

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



66, 0.673, 256.184



83, 0.672, 256.257



66, 1.116, 290.344



35, 0.311, 256.301



31, 46.752, 283.274



2, 4.979, 260.476

Previews

White Background



This preview shows how the CIELCh color 66, 0.662, 74.801 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, 0.662, 74.801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

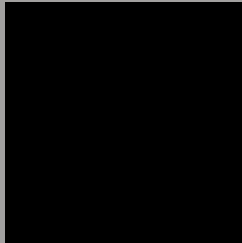
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

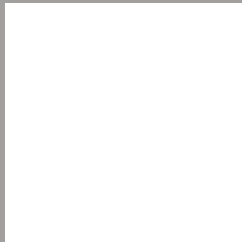
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 0.662, 74.801

Background



This preview shows how black text looks on a background with the CIELCh color 66, 0.662, 74.801.

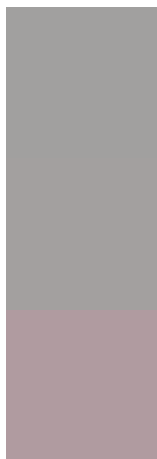


This preview shows how white text looks on a background with the CIELCh color 66, 0.662, 74.801.

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, 0.662, 74.801

Protanopia

66, 1.267, 44.954

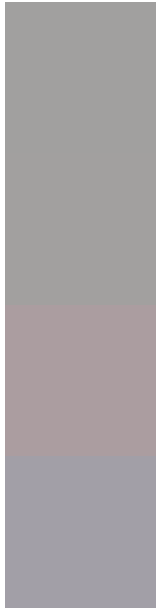
Deuteranopia

66, 8.598, 1.479



Tritanopia
66, 7.479, 305.314

Trichromacy



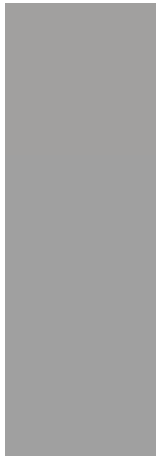
Original Color
66, 0.662, 74.801

Protanomaly
66, 0.935, 55.109

Deuteranomaly
66, 5.657, 2.841

Tritanomaly
66, 4.597, 304.814

Monochromacy



Original Color
66, 0.662, 74.801

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 0.008, 296.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 0.662, 74.801 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(161, 160, 159)` looks like.

```
.text, #text, p{  
    color:rgb(161, 160, 159)  
}
```

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(161, 160, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 160, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 0.662, 74.801 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(161, 160, 159) }
```

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

```
.border{ border-color:rgb(161, 160, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 160, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 160, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 160, 159);  
box-shadow:4px 4px 4px 4px rgb(161, 160,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 0.662, 74.801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 160, 159) }
```

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

```
.background{ background-color: rgb(161,  
160, 159) }
```

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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