

Converting Colors

CIELCh(66, 4.572, 124.359)

Have a look what the booklet for
CIELCh(66, 4.572, 124.359) contains.

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Color

CIELCh(66, 4.572, 124.359)

Conversions

Conversions Part 1

Format	Color
Hex	9FA29A
RGB	159, 162, 154
RGB Percent	62%, 64%, 60%
CMY	0.3782, 0.3665, 0.3978
CMYK	0.02, 0.00, 0.05, 0.37
HSL	83°, 4%, 62%
HSV	83°, 5%, 63%
XYZ	32.8443, 35.3238, 35.4628
YIQ	160.1910, 0.7800, -3.1240

Conversions

Conversions Part 2

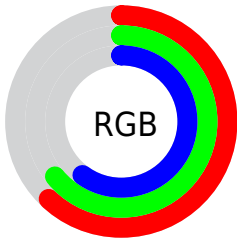
Format	Color
RYB	154, 162, 157
Decimal	10461850
CIELab	66.00, -2.58, 3.77
CIELCh	66, 4.572, 124.359
Yxy	35.3238, 0.3169, 0.3409
Android (android.graphics.Color)	4288651930 (0xFF9FA29A)
YUV	160.1910, -3.0522, -1.0445
Hunter-Lab	59.4338, -5.3668, 6.2267

Details

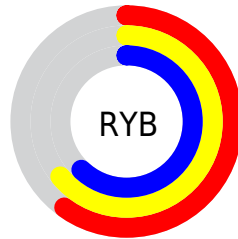
The CIELCh color $66, 4.572, 124.359$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 4.625, 304.831$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 4.835, 122.840$, and $46, 4.230, 120.922$ is the 20% darker color. If you saturate the color by 10%, you get $65, 13.828, 123.850$, and if you desaturate by 10%, it is $67, 4.673, 304.824$.

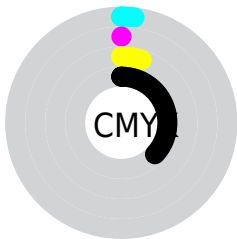
Distribution



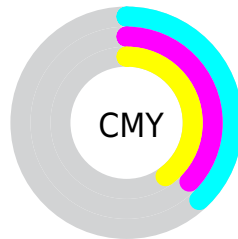
- Red (62%)
- Green (64%)
- Blue (60%)



- Red (60%)
- Yellow (64%)
- Blue (62%)



- Cyan (2%)
- Magenta (0%)
- Yellow (5%)
- Black (37%)



- Cyan (38%)
- Magenta (37%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 4.572, 124.359 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, 4.572, 124.359 by changing the saturation by 10% instead.

■ 66, 4.572, 124.359

■ 66, 4.572, 124.359

■ 100, 4.572,
124.359

■ 56, 4.572, 124.359

■ 86, 4.572, 124.359

■ 46, 4.572, 124.359

■ 96, 4.572, 124.359

■ 36, 4.572, 124.359

■ 26, 4.572, 124.359

■ 16, 4.572, 124.359

■ 6, 4.572, 124.359

■ 0, 4.572, 124.359

■ 66, 4.572, 124.359

■ 66, 4.572, 124.359

■ 65, 13.828,

■ 67, 4.673, 304.824

123.850

68, 13.872,
305.287

64, 23.034,
123.326

69, 22.994,
305.710

64, 32.110,
122.807

70, 32.017,
306.099

63, 40.940,
122.321

71, 40.928,
306.455

62, 49.351,
121.912

72, 49.715,
306.779

62, 57.095,
121.646

73, 52.405,
308.381

61, 63.833,
121.616

74, 52.813,
310.485

61, 69.172,
121.936

74, 53.284,
312.582

60, 72.809,
122.702

Harmonies

Complementary

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



66, 4.572, 124.359



64, 4.625, 304.831

Rectangle

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



66, 4.572, 124.359



66, 4.572, 174.359



66, 4.572, 304.359



66, 4.572, 354.359

Sweetspot

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



66, 4.574, 124.368



84, 1.131, 124.616



65, 2.534, 59.225



44, 0.642, 124.624



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



66, 4.574, 124.368



83, 6.841, 124.308



66, 5.186, 140.571



34, 3.690, 124.288



55, 68.707, 123.007



5, 8.319, 126.669

Inverse Universe

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



64, 4.625, 304.831



80, 6.926, 304.894



64, 5.208, 320.956



33, 3.738, 304.914



19, 84.050, 309.638



1, 8.185, 303.291

Previews

White Background



This preview shows how the CIELCh color 66, 4.572, 124.359 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, 4.572, 124.359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

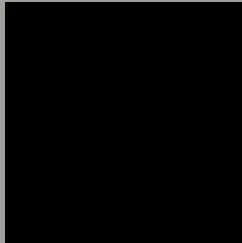
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

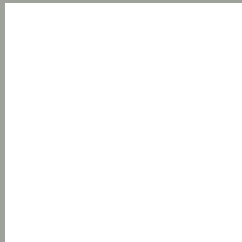
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 4.572, 124.359

Background



This preview shows how black text looks on a background with the CIELCh color 66, 4.572, 124.359.



This preview shows how white text looks on a background with the CIELCh color 66, 4.572, 124.359.

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, 4.572, 124.359

Protanopia

66, 4.813, 85.781

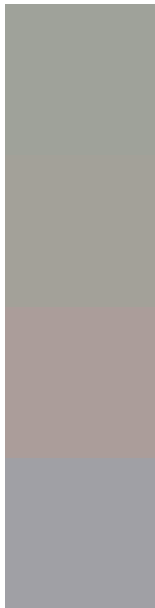
Deuteranopia

66, 9.029, 20.197



Tritanopia
66, 6.711, 297.220

Trichromacy



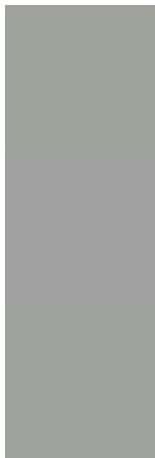
Original Color
66, 4.572, 124.359

Protanomaly
66, 4.472, 99.696

Deuteranomaly
66, 5.713, 36.626

Tritanomaly
66, 2.776, 290.488

Monochromacy



Original Color
66, 4.572, 124.359

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 1.828, 134.675

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 4.572, 124.359 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(159, 162, 154)` looks like.

```
.text, #text, p{  
    color:rgb(159, 162, 154)  
}
```

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(159, 162, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 162, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 4.572, 124.359 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(159, 162, 154) }
```

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

```
.border{ border-color:rgb(159, 162, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 162, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 162, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 162, 154); box-shadow:4px 4px 4px 4px rgb(159, 162, 154) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 4.572, 124.359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 162, 154) }
```

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

```
.background{ background-color: rgb(159,  
162, 154) }
```

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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