

Converting Colors

CIELCh(63, 4.686, 64.494)

Have a look what the booklet for
CIELCh(63, 4.686, 64.494) contains.

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Color

CIELCh(63, 4.584, 66.295)

Conversions

Conversions Part 1

Format	Color
Hex	9F9791
RGB	159, 151, 145
RGB Percent	62%, 59%, 57%
CMY	0.3761, 0.4075, 0.4310
CMYK	0.00, 0.05, 0.09, 0.38
HSL	26°, 7%, 60%
HSV	26°, 9%, 62%
XYZ	30.5125, 31.5869, 31.3103
YIQ	152.7080, 6.6940, -0.1700

Conversions

Conversions Part 2

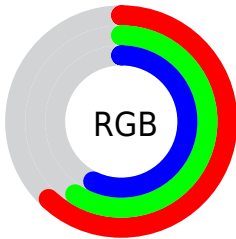
Format	Color
R _Y B	159, 156, 145
Decimal	10459025
CIE Lab	63.00, 1.84, 4.20
CIE LCh	63, 4.584, 66.295
Yxy	31.5869, 0.3267, 0.3382
Android (android.graphics.Color)	4288649105 (0xFF9F9791)
YUV	152.7080, -3.8000, 5.5181
Hunter-Lab	56.2022, -1.4453, 6.3111

Details

The CIELCh color $63, 4.584, 66.295$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 4.451, 248.429$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 4.578, 63.083$, and $43, 4.542, 60.864$ is the 20% darker color. If you saturate the color by 10%, you get $60, 10.079, 65.292$, and if you desaturate by 10%, it is $66, 0.613, 248.048$.

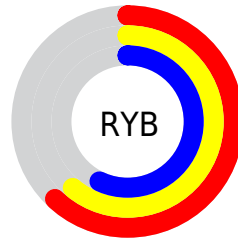
Distribution



Red (62%)

Green (59%)

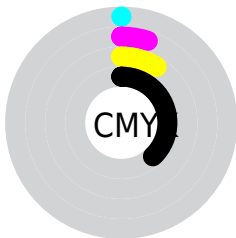
Blue (57%)



Red (62%)

Yellow (61%)

Blue (57%)

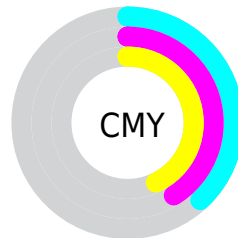


Cyan (0%)

Magenta (5%)

Yellow (9%)

Black (38%)



Cyan (38%)

Magenta (41%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 4.584, 66.295 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 63, 4.584, 66.295 by changing the saturation by 10% instead.

 63, 4.584, 66.295  63, 4.584, 66.295

 100, 4.584, 66.295  53, 4.584, 66.295

 83, 4.584, 66.295  43, 4.584, 66.295

 93, 4.584, 66.295  33, 4.584, 66.295

 23, 4.584, 66.295

 13, 4.584, 66.295

 3, 4.584, 66.295

 0, 4.584, 66.295

 63, 4.584, 66.295  63, 4.584, 66.295

 60, 10.079, 65.292  66, 0.613, 248.048

57, 15.898, 64.245

69, 5.544, 248.588

55, 22.061, 63.210

72, 10.238,
249.598

52, 28.569, 62.196

75, 14.722,
250.601

50, 35.387, 61.198

47, 42.403, 60.181

78, 19.022,
251.578

45, 49.355, 59.050

81, 23.160,
252.525

43, 55.711, 57.588

41, 61.052, 55.732

83, 26.604,
252.257

86, 25.144,
239.371

88, 25.001,
225.837

Harmonies

Complementary

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



63, 4.584, 66.295



63, 4.451, 248.429

Rectangle

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



63, 4.584, 66.295



63, 4.584, 116.295



63, 4.584, 246.295



63, 4.584, 296.295

Sweetspot

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



63, 4.584, 66.320



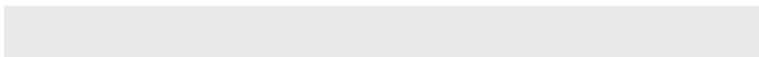
82, 1.898, 66.784



62, 7.122, 340.036



43, 1.455, 66.748



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



63, 4.584, 66.320



79, 7.136, 66.079



65, 7.116, 105.704



32, 2.934, 66.276



36, 56.900, 55.951



2, 3.722, 64.696

Inverse Universe

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



63, 4.451, 248.429



79, 6.862, 248.718



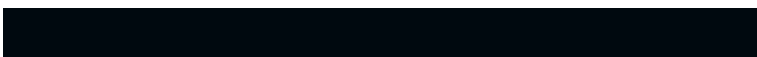
61, 7.239, 287.545



32, 2.843, 248.480



34, 39.853, 275.029



2, 3.817, 250.770

Previews

White Background



This preview shows how the CIELCh color 63, 4.584, 66.295 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 63, 4.584, 66.295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

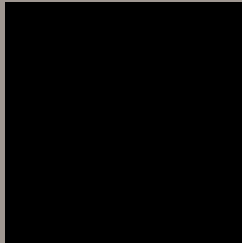
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

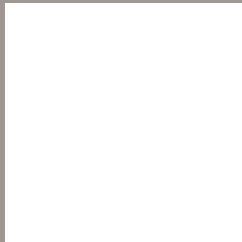
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 4.584, 66.295

Background



This preview shows how black text looks on a background with the CIELCh color 63, 4.584, 66.295.



This preview shows how white text looks on a background with the CIELCh color 63, 4.584, 66.295.

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


63, 4.584, 66.295

Protanopia

63, 4.354, 82.872

Deuteranopia

63, 9.166, 23.705



Tritanopia
63, 7.706, 327.158

Trichromacy



Original Color
63, 4.584, 66.295

Protanomaly
63, 4.545, 78.401

Deuteranomaly
63, 7.219, 28.869

Tritanomaly
63, 4.783, 344.083

Monochromacy



Original Color
63, 4.584, 66.295

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 1.599, 63.347

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 4.584, 66.295 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, 151, 145)` looks like.

```
.text, #text, p{  
    color:rgb(159, 151, 145)  
}
```

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, 151, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 151, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 4.584, 66.295 is called "border". The border property can be set on classes, ids or directly on the HTML element.

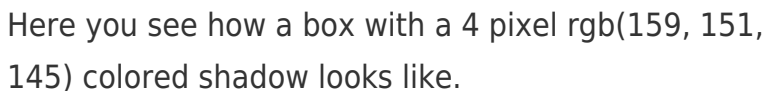
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 151, 145) }
```

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

```
.border{ border-color:rgb(159, 151, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(159, 151, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 151, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 151, 145); box-shadow:4px 4px 4px 4px rgb(159, 151, 145) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 4.584, 66.295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 151, 145) }
```

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

```
.background{ background-color: rgb(159,  
151, 145) }
```

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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