

Converting Colors

CIELCh(62, 5.504, 53.500)

Have a look what the booklet for
CIELCh(62, 5.504, 53.500) contains.

CIELCh(62, 5.499, 57.157)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(62, 5.499, 57.157)

Conversions

Conversions Part 1

Format	Color
Hex	9F948E
RGB	159, 148, 142
RGB Percent	62%, 58%, 56%
CMY	0.3774, 0.4205, 0.4440
CMYK	0.00, 0.07, 0.11, 0.38
HSL	21°, 8%, 59%
HSV	21°, 11%, 62%
XYZ	29.6725, 30.4025, 29.8074
YIQ	150.6050, 8.4820, 0.4660

Conversions

Conversions Part 2

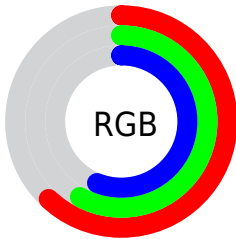
Format	Color
R _Y B	159, 151, 142
Decimal	10458254
CIE Lab	62.00, 2.98, 4.62
CIE LCh	62, 5.499, 57.157
Yxy	30.4025, 0.3301, 0.3382
Android (android.graphics.Color)	4288648334 (0xFF9F948E)
YUV	150.6050, -4.2423, 7.3624
Hunter-Lab	55.1385, -0.4334, 6.5453

Details

The CIELCh color $62, 5.499, 57.157$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $62, 5.234, 239.247$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 5.467, 54.942$, and $42, 5.628, 52.086$ is the 20% darker color. If you saturate the color by 10%, you get $59, 11.008, 56.402$, and if you desaturate by 10%, it is $65, 0.346, 56.936$.

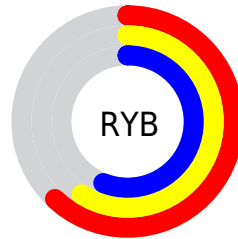
Distribution



Red (62%)

Green (58%)

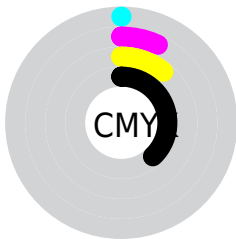
Blue (56%)



Red (62%)

Yellow (59%)

Blue (56%)

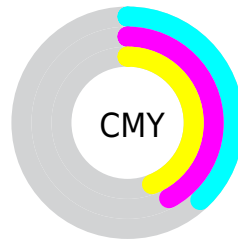


Cyan (0%)

Magenta (7%)

Yellow (11%)

Black (38%)



Cyan (38%)

Magenta (42%)

Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 5.499, 57.157 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 62, 5.499, 57.157 by changing the saturation by 10% instead.

 62, 5.499, 57.157  62, 5.499, 57.157

 100, 5.499, 57.157  52, 5.499, 57.157

 82, 5.499, 57.157  42, 5.499, 57.157

 92, 5.499, 57.157  32, 5.499, 57.157

 22, 5.499, 57.157

 12, 5.499, 57.157

 2, 5.499, 57.157

 0, 5.499, 57.157

 62, 5.499, 57.157  62, 5.499, 57.157

 59, 11.008, 56.402  65, 0.346, 56.936

56, 16.906, 55.649

68, 4.489, 239.043

53, 23.219, 54.952

72, 9.040, 239.863

50, 29.952, 54.324

75, 13.341,
240.709

47, 37.071, 53.766

78, 17.424,
241.550

45, 44.461, 53.240

42, 51.841, 52.637

81, 21.314,
242.376

40, 58.608, 51.690

85, 25.037,
243.182

38, 64.187, 50.665

88, 24.972,
230.088

90, 25.913,
215.298

Harmonies

Complementary

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



62, 5.499, 57.157



62, 5.234, 239.247

Rectangle

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



62, 5.499, 57.157



62, 5.499, 107.157



62, 5.499, 237.157



62, 5.499, 287.157

Sweetspot

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



62, 5.499, 57.178



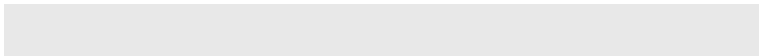
82, 1.859, 57.632



61, 9.078, 337.102



43, 1.425, 57.619



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



62, 5.499, 57.178



78, 8.347, 56.982



64, 8.066, 102.097



32, 2.881, 57.288



34, 59.197, 51.000



2, 3.663, 55.889

Inverse Universe

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



62, 5.234, 239.247



79, 7.841, 239.511



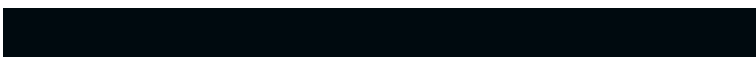
60, 8.196, 284.477



32, 2.762, 239.106



37, 34.432, 264.183



2, 3.697, 242.262

Previews

White Background



This preview shows how the CIELCh color 62, 5.499, 57.157 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 62, 5.499, 57.157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

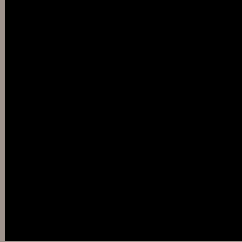
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

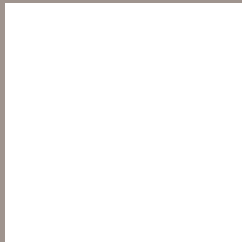
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 5.499, 57.157

Background



This preview shows how black text looks on a background with the CIELCh color 62, 5.499, 57.157.



This preview shows how white text looks on a background with the CIELCh color 62, 5.499, 57.157.

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


62, 5.499, 57.157

Protanopia

62, 3.876, 79.235

Deuteranopia

62, 8.973, 30.910



Tritanopia
62, 9.150, 332.943

Trichromacy



Original Color
62, 5.499, 57.157

Protanomaly
62, 4.332, 70.121

Deuteranomaly
62, 7.529, 37.217

Tritanomaly
62, 6.142, 352.856

Monochromacy



Original Color
62, 5.499, 57.157

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 1.907, 55.185

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 5.499, 57.157 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, 148, 142)` looks like.

```
.text, #text, p{  
    color:rgb(159, 148, 142)  
}
```

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, 148, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 148, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 5.499, 57.157 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, 148, 142) }
```

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

```
.border{ border-color:rgb(159, 148, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 148, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 148, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 148, 142);  
box-shadow:4px 4px 4px 4px rgb(159, 148,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 5.499, 57.157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 148, 142) }
```

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

```
.background{ background-color: rgb(159,  
148, 142) }
```

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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