

Converting Colors

CIELCh(67, 5.580, 144.178)

Have a look what the booklet for
CIELCh(67, 5.580, 144.178) contains.

CIELCh(67, 5.392, 144.214)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(67, 5.392, 144.214)

Conversions

Conversions Part 1

Format	Color
Hex	9DA59D
RGB	157, 165, 157
RGB Percent	62%, 65%, 62%
CMY	0.3834, 0.3520, 0.3834
CMYK	0.05, 0.00, 0.05, 0.35
HSL	120°, 4%, 63%
HSV	120°, 5%, 65%
XYZ	33.5561, 36.6320, 37.3072
YIQ	161.6960, -2.2000, -4.1840

Conversions

Conversions Part 2

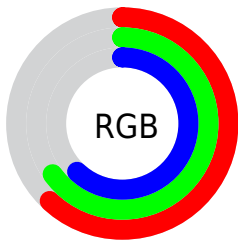
Format	Color
RYB	157, 165, 165
Decimal	10331549
CIELab	67.00, -4.37, 3.15
CIELCh	67, 5.392, 144.214
Yxy	36.6320, 0.3122, 0.3408
Android (android.graphics.Color)	4288521629 (0xFF9DA59D)
YUV	161.6960, -2.3151, -4.1184
Hunter-Lab	60.5244, -6.9531, 5.8207

Details

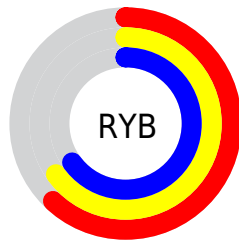
The CIELCh color $67, 5.392, 144.214$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 5.409, 324.661$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 5.104, 144.292$, and $47, 5.058, 144.140$ is the 20% darker color. If you saturate the color by 10%, you get $65, 16.642, 143.559$, and if you desaturate by 10%, it is $69, 5.703, 324.666$.

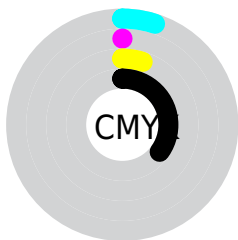
Distribution



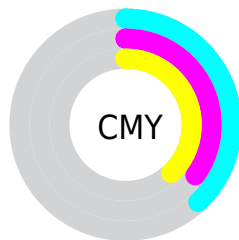
- Red (62%)
- Green (65%)
- Blue (62%)



- Red (62%)
- Yellow (65%)
- Blue (65%)



- Cyan (5%)
- Magenta (0%)
- Yellow (5%)
- Black (35%)



- Cyan (38%)
- Magenta (35%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 5.392, 144.214 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 67, 5.392, 144.214 by changing the saturation by 10% instead.

■ 67, 5.392, 144.214

■ 67, 5.392, 144.214

■ 100, 5.392,
144.214

■ 57, 5.392, 144.214

■ 87, 5.392, 144.214

■ 47, 5.392, 144.214

■ 97, 5.392, 144.214

■ 37, 5.392, 144.214

■ 27, 5.392, 144.214

■ 17, 5.392, 144.214

■ 7, 5.392, 144.214

■ 0, 5.392, 144.214

■ 67, 5.392, 144.214

■ 67, 5.392, 144.214

■ 65, 16.642,

■ 69, 5.703, 324.666

143.559

71, 16.558,
325.143

64, 27.914,
142.818

73, 27.117,
325.530

63, 39.029,
141.962

75, 37.346,
325.857

62, 49.753,
140.989

77, 47.232,
326.134

61, 59.789,
139.918

79, 55.987,
326.352

60, 68.773,
138.799

60, 76.282,
137.725

59, 81.883,
136.831

59, 85.276,
136.247

Harmonies

Complementary

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



67, 5.392, 144.214



66, 5.409, 324.661

Rectangle

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



67, 5.392, 144.214



67, 5.392, 194.214



67, 5.392, 324.214



67, 5.392, 14.214

Sweetspot

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



67, 5.394, 144.214



85, 1.364, 144.586



68, 4.394, 109.711



45, 0.774, 144.602



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



67, 5.394, 144.214



84, 8.261, 144.132



67, 3.768, 163.355



34, 4.371, 144.108



52, 78.791, 136.016



4, 9.703, 144.444

Inverse Universe

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



66, 5.409, 324.661



82, 8.280, 324.738



66, 3.801, 343.948



33, 4.380, 324.760



34, 76.020, 328.233



2, 9.704, 324.439

Previews

White Background



This preview shows how the CIELCh color 67, 5.392, 144.214 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 67, 5.392, 144.214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

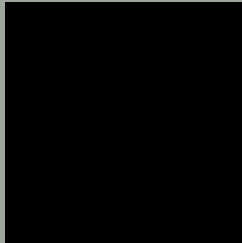
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

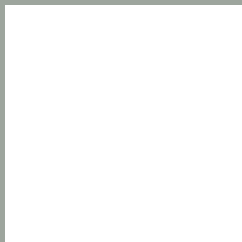
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 5.392, 144.214

Background



This preview shows how black text looks on a background with the CIELCh color 67, 5.392, 144.214.



This preview shows how white text looks on a background with the CIELCh color 67, 5.392, 144.214.

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


67, 5.392, 144.214

Protanopia

67, 3.815, 79.293

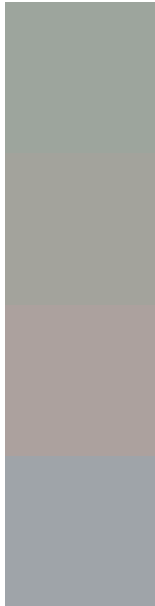
Deuteranopia

67, 8.593, 16.490



Tritanopia
67, 6.702, 281.426

Trichromacy



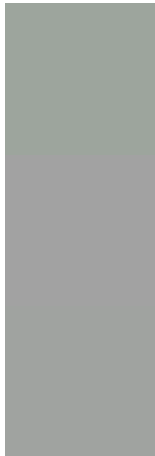
Original Color
67, 5.392, 144.214

Protanomaly
67, 3.851, 109.761

Deuteranomaly
67, 4.564, 40.833

Tritanomaly
67, 3.304, 256.250

Monochromacy



Original Color
67, 5.392, 144.214

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 2.017, 144.452

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 5.392, 144.214 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(157, 165, 157)` looks like.

```
.text, #text, p{  
    color:rgb(157, 165, 157)  
}
```

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(157, 165, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 165, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 5.392, 144.214 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(157, 165, 157) }
```

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

```
.border{ border-color:rgb(157, 165, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 165, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 165, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 165, 157); box-shadow:4px 4px 4px 4px rgb(157, 165, 157) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 5.392, 144.214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 165, 157) }
```

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

```
.background{ background-color: rgb(157,  
165, 157) }
```

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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