

Converting Colors

CIELCh(67, 3.577, 30.579)

Have a look what the booklet for
CIELCh(67, 3.577, 30.579) contains.

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Color

CIELCh(67, 3.505, 28.607)

Conversions

Conversions Part 1

Format	Color
Hex	AAA1A0
RGB	170, 161, 160
RGB Percent	67%, 63%, 63%
CMY	0.3329, 0.3682, 0.3721
CMYK	0.00, 0.05, 0.06, 0.33
HSL	6°, 6%, 65%
HSV	6°, 6%, 67%
XYZ	35.7238, 36.6320, 38.4991
YIQ	163.5770, 5.6850, 1.5970

Conversions

Conversions Part 2

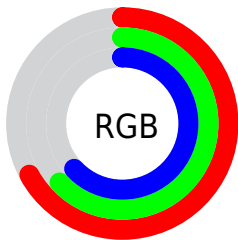
Format	Color
RYB	170, 161, 160
Decimal	11182496
CIELab	67.00, 3.08, 1.68
CIElCh	67, 3.505, 28.607
Yxy	36.6320, 0.3223, 0.3304
Android (android.graphics.Color)	4289372576 (0xFFAAA1A0)
YUV	163.5770, -1.7635, 5.6330
Hunter-Lab	60.5244, -0.5602, 4.6531

Details

The CIELCh color $67, 3.505, 28.607$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 3.378, 208.674$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 3.308, 28.529$, and $47, 3.360, 29.772$ is the 20% darker color. If you saturate the color by 10%, you get $63, 9.857, 29.060$, and if you desaturate by 10%, it is $72, 2.361, 208.775$.

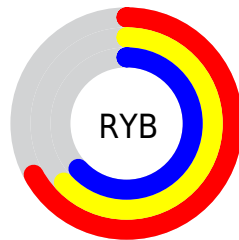
Distribution



Red (67%)

Green (63%)

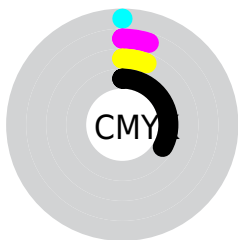
Blue (63%)



Red (67%)

Yellow (63%)

Blue (63%)

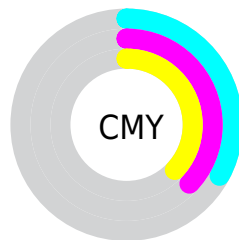


Cyan (0%)

Magenta (5%)

Yellow (6%)

Black (33%)



Cyan (33%)

Magenta (37%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 3.505, 28.607 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, 3.505, 28.607 by changing the saturation by 10% instead.

 67, 3.505, 28.607  67, 3.505, 28.607

 100, 3.505, 28.607  57, 3.505, 28.607

 87, 3.505, 28.607  47, 3.505, 28.607

 97, 3.505, 28.607  37, 3.505, 28.607


 27, 3.505, 28.607

 17, 3.505, 28.607

 7, 3.505, 28.607

 0, 3.505, 28.607

 67, 3.505, 28.607  67, 3.505, 28.607

 63, 9.857, 29.060  72, 2.361, 208.775

■ 58, 16.735, 29.575

■ 76, 7.783, 208.510

■ 54, 24.152, 30.289

■ 81, 12.808,
208.434

■ 50, 32.093, 31.267

■ 85, 17.484,
208.424

■ 46, 40.490, 32.576

■ 43, 49.200, 34.264

■ 90, 21.851,
208.457

■ 40, 57.962, 36.312

■ 94, 26.055,
200.147

■ 38, 66.268, 38.514

■ 36, 73.078, 40.305

■ 95, 26.722,
197.770

Harmonies

Complementary

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



67, 3.505, 28.607



69, 3.378, 208.674

Rectangle

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



67, 3.505, 28.607



67, 3.505, 78.607



67, 3.505, 208.607



67, 3.505, 258.607

Sweetspot

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



67, 3.504, 28.637



87, 1.457, 28.271



67, 6.279, 327.565



47, 0.834, 28.244



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



67, 3.504, 28.637



84, 5.204, 28.696



68, 3.618, 84.622



34, 2.692, 28.709



31, 67.625, 41.002



2, 6.050, 27.242

Inverse Universe

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



69, 3.378, 208.674



87, 4.976, 208.629



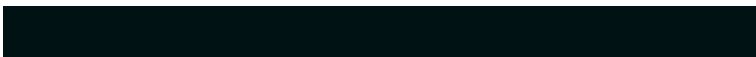
67, 3.610, 266.240



35, 2.569, 208.620



51, 29.768, 213.906



4, 5.805, 212.436

Previews

White Background



This preview shows how the CIELCh color 67, 3.505, 28.607 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, 3.505, 28.607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

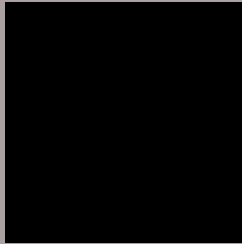
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 3.505, 28.607

Background



This preview shows how black text looks on a background with the CIELCh color 67, 3.505, 28.607.



This preview shows how white text looks on a background with the CIELCh color 67, 3.505, 28.607.

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, 3.505, 28.607

Protanopia

67, 1.619, 39.125

Deuteranopia

67, 8.697, 9.258



Tritanopia
67, 8.732, 324.823

Trichromacy



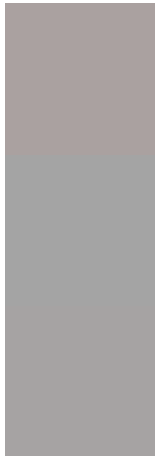
Original Color
67, 3.505, 28.607

Protanomaly
67, 1.986, 35.424

Deuteranomaly
67, 6.669, 10.471

Tritanomaly
67, 6.105, 333.577

Monochromacy



Original Color
67, 3.505, 28.607

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 1.143, 19.093

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 3.505, 28.607 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(170, 161, 160)` looks like.

```
.text, #text, p{  
    color:rgb(170, 161, 160)  
}
```

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(170, 161, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 161, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 3.505, 28.607 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(170, 161, 160) }
```

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

```
.border{ border-color:rgb(170, 161, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 161, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 161, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 161, 160);  
box-shadow:4px 4px 4px 4px rgb(170, 161,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 3.505, 28.607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 161, 160) }
```

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

```
.background{ background-color: rgb(170,  
161, 160) }
```

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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