

Converting Colors

CIELCh(67, 27.592, 107.291)

Have a look what the booklet for
CIELCh(67, 27.592, 107.291)
contains.

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Color

CIELCh(67, 27.731, 107.261)

Conversions

Conversions Part 1

Format	Color
Hex	A6A673
RGB	166, 166, 115
RGB Percent	65%, 65%, 45%
CMY	0.3489, 0.3489, 0.5489
CMYK	0.00, 0.00, 0.31, 0.35
HSL	60°, 22%, 55%
HSV	60°, 31%, 65%
XYZ	32.4700, 36.6320, 21.5876
YIQ	160.1860, 16.3710, -15.8610

Conversions

Conversions Part 2

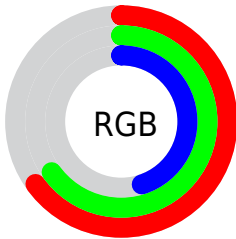
Format	Color
RYB	115, 166, 115
Decimal	10921587
CIELab	67.00, -8.23, 26.48
CIELCh	67, 27.731, 107.261
Yxy	36.6320, 0.3580, 0.4039
Android (android.graphics.Color)	4289111667 (0xFFA6A673)
YUV	160.1860, -22.2767, 5.0989
Hunter-Lab	60.5244, -10.1562, 21.2197

Details

The CIELCh color $67, 27.731, 107.261$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $50, 29.846, 293.905$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 27.939, 107.008$, and $47, 27.695, 107.291$ is the 20% darker color. If you saturate the color by 10%, you get $67, 36.428, 106.339$, and if you desaturate by 10%, it is $67, 18.809, 108.213$.

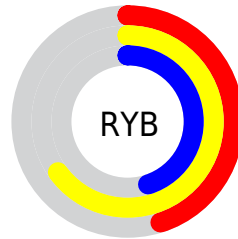
Distribution



Red (65%)

Green (65%)

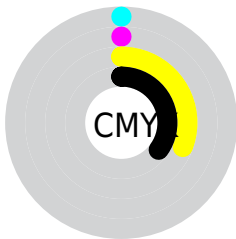
Blue (45%)



Red (45%)

Yellow (65%)

Blue (45%)

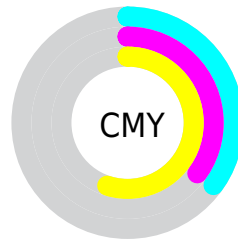


Cyan (0%)

Magenta (0%)

Yellow (31%)

Black (35%)



Cyan (35%)


Magenta (35%)


Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 27.731, 107.261 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, 27.731, 107.261 by changing the saturation by 10% instead.


 67, 27.731,
107.261


 67, 27.731,
107.261


 100, 27.731,
107.261


 57, 27.731,
107.261


 87, 27.731,
107.261

 47, 27.731,
107.261

 97, 27.731,
107.261

 37, 27.731,
107.261

 27, 27.731,
107.261

 17, 27.731,
107.261

 7, 27.731, 107.261

 0, 27.731, 107.261

67, 27.731,
107.261

67, 27.731,
107.261

67, 36.428,
106.339

67, 18.809,
108.213

67, 44.741,
105.459

68, 9.759, 109.164

68, 0.648, 110.027

66, 52.438,
104.655

69, 8.482, 291.045

66, 59.189,
103.962

69, 17.602,
291.937

66, 64.584,
103.419

70, 26.692,
292.798

66, 68.236,
103.057

70, 35.736,
293.621

66, 70.286,
102.856

71, 44.723,
294.402

■ 71, 48.569,
294.726

Harmonies

Complementary

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



67, 27.731, 107.261



50, 29.846, 293.905

Rectangle

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



67, 27.731, 107.261



67, 27.731, 157.261



67, 27.731, 287.261



67, 27.731, 337.261

Sweetspot

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



67, 27.732, 107.265



86, 10.181, 109.310



54, 21.692, 21.934



46, 7.130, 109.177



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



67, 27.732, 107.265



85, 41.251, 106.616



65, 29.780, 127.664



36, 5.211, 109.298



59, 64.563, 102.856



6, 9.557, 110.180

Inverse Universe

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



50, 29.846, 293.905



60, 45.320, 295.032



53, 31.066, 310.539



32, 5.323, 291.125



16, 89.150, 306.287



0, 9.559, 290.180

Previews

White Background



This preview shows how the CIELCh color 67, 27.731, 107.261 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 67, 27.731, 107.261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

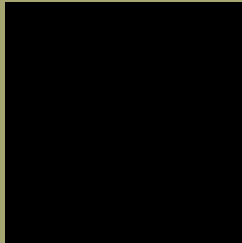
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

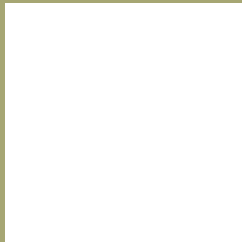
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 27.731, 107.261

Background



This preview shows how black text looks on a background with the CIELCh color 67, 27.731, 107.261.



This preview shows how white text looks on a background with the CIELCh color 67, 27.731, 107.261.

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, 27.731, 107.261

Protanopia
67, 27.333, 95.693

Deuteranopia
67, 26.955, 71.874



Tritanopia
67, 8.515, 329.053

Trichromacy



Original Color
67, 27.731, 107.261

Protanomaly
67, 27.467, 100.218

Deuteranomaly
67, 26.138, 85.592

Tritanomaly
67, 6.810, 82.024

Monochromacy



Original Color
67, 27.731, 107.261

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 9.915, 109.126

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 27.731, 107.261 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(166, 166, 115)` looks like.

```
.text, #text, p{  
    color:rgb(166, 166, 115)  
}
```

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(166, 166, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 166, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 27.731, 107.261 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(166, 166, 115) }
```

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

```
.border{ border-color:rgb(166, 166, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 166, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 166, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 166, 115); box-shadow:4px 4px 4px 4px rgb(166, 166, 115) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 27.731, 107.261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 166, 115) }
```

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

```
.background{ background-color: rgb(166,  
166, 115) }
```

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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