

Converting Colors

CIELCh(67, 25.250, 108.977)

Have a look what the booklet for
CIELCh(67, 25.250, 108.977)
contains.

CIELCh(67, 25.068, 108.494)	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, 25.068, 108.494)

Conversions

Conversions Part 1

Format	Color
Hex	A5A678
RGB	165, 166, 120
RGB Percent	65%, 65%, 47%
CMY	0.3529, 0.3490, 0.5294
CMYK	0.01, 0.00, 0.28, 0.35
HSL	61°, 21%, 56%
HSV	61°, 28%, 65%
XYZ	32.5472, 36.6320, 23.1270
YIQ	160.4570, 14.1700, -14.5180

Conversions

Conversions Part 2

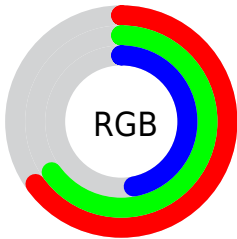
Format	Color
RYB	120, 166, 121
Decimal	10856056
CIELab	67.00, -7.95, 23.77
CIELCh	67, 25.068, 108.494
Yxy	36.6320, 0.3526, 0.3969
Android (android.graphics.Color)	4289046136 (0xFFA5A678)
YUV	160.4570, -19.9453, 3.9842
Hunter-Lab	60.5244, -9.9286, 19.7117

Details

The CIELCh color $67, 25.068, 108.494$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $52, 26.758, 294.180$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 24.873, 108.965$, and $47, 24.919, 107.774$ is the 20% darker color. If you saturate the color by 10%, you get $67, 33.846, 107.596$, and if you desaturate by 10%, it is $67, 16.099, 109.416$.

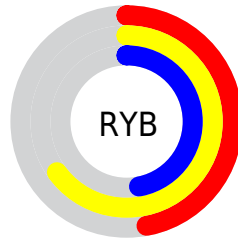
Distribution



Red (65%)

Green (65%)

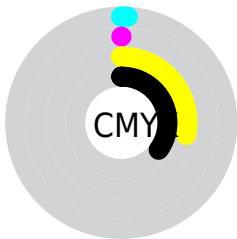
Blue (47%)



Red (47%)

Yellow (65%)

Blue (47%)

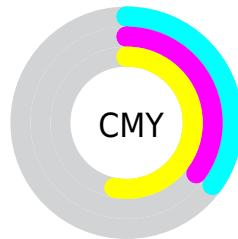


Cyan (1%)

Magenta (0%)

Yellow (28%)

Black (35%)



Cyan (35%)

Magenta (35%)

Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 25.068, 108.494 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, 25.068, 108.494 by changing the saturation by 10% instead.

 67, 25.068,
108.494

 67, 25.068,
108.494

 100, 25.068,
108.494

 57, 25.068,
108.494

 87, 25.068,
108.494

 47, 25.068,
108.494

 97, 25.068,
108.494

 37, 25.068,
108.494

 27, 25.068,
108.494

 17, 25.068,
108.494

 7, 25.068, 108.494

 0, 25.068, 108.494

67, 25.068,
108.494

67, 25.068,
108.494

67, 33.846,
107.596

67, 16.099,
109.416

66, 42.294,
106.733

68, 7.024, 110.331

68, 2.099, 291.266

66, 50.206,
105.939

69, 11.230,
292.129

66, 57.284,
105.251

69, 20.344,
292.978

66, 63.136,
104.713

70, 29.422,
293.793

66, 67.351,
104.367

71, 38.449,
294.569

66, 69.819,
104.219

71, 47.414,
295.304

66, 70.310,

104.193

■ 71, 48.588,
295.506

Harmonies

Complementary

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



67, 25.068, 108.494



52, 26.758, 294.180

Rectangle

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



67, 25.068, 108.494



67, 25.068, 158.494



67, 25.068, 288.494



67, 25.068, 338.494

Sweetspot

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



67, 25.069, 108.498



86, 9.053, 110.291



55, 19.050, 22.827



46, 6.485, 110.158



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, 25.069, 108.498



85, 36.934, 107.962



65, 27.002, 128.399



36, 5.212, 110.187



59, 64.591, 104.181



6, 9.562, 111.387

Inverse Universe

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



52, 26.758, 294.180



63, 40.080, 295.045



54, 28.000, 310.935



32, 5.325, 291.945



16, 89.027, 306.371



0, 9.561, 290.917

Previews

White Background



This preview shows how the CIELCh color 67, 25.068, 108.494 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, 25.068, 108.494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

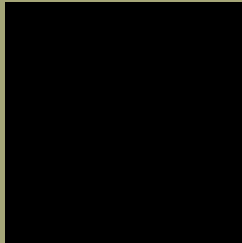
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 25.068, 108.494

Background



This preview shows how black text looks on a background with the CIELCh color 67, 25.068, 108.494.



This preview shows how white text looks on a background with the CIELCh color 67, 25.068, 108.494.

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, 25.068, 108.494

Protanopia

67, 24.601, 95.787

Deuteranopia

67, 24.410, 69.430



Tritanopia
67, 8.732, 324.823

Trichromacy



Original Color
67, 25.068, 108.494

Protanomaly
67, 24.751, 100.773

Deuteranomaly
67, 23.425, 84.543

Tritanomaly
67, 5.646, 80.647

Monochromacy



Original Color
67, 25.068, 108.494

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 9.365, 109.184

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 25.068, 108.494 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(165, 166, 120)` looks like.

```
.text, #text, p{  
    color:rgb(165, 166, 120)  
}
```

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(165, 166, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 166, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 25.068, 108.494 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(165, 166, 120) }
```

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

```
.border{ border-color:rgb(165, 166, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 166, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 166, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 166, 120);  
box-shadow:4px 4px 4px 4px rgb(165, 166,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 25.068, 108.494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 166, 120) }
```

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

```
.background{ background-color: rgb(165,  
166, 120) }
```

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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