

Converting Colors

CIELCh(68, 17.452, 51.118)

Have a look what the booklet for
CIELCh(68, 17.452, 51.118) contains.

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Color

CIELCh(68, 17.265, 50.792)

Conversions

Conversions Part 1

Format	Color
Hex	C29E8E
RGB	194, 158, 142
RGB Percent	76%, 62%, 56%
CMY	0.2384, 0.3796, 0.4424
CMYK	0.00, 0.19, 0.27, 0.24
HSL	18°, 30%, 66%
HSV	18°, 27%, 76%
XYZ	39.4543, 37.9720, 30.9135
YIQ	166.9400, 26.5920, 2.6560

Conversions

Conversions Part 2

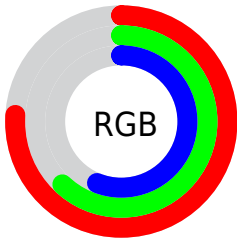
Format	Color
RYB	194, 165, 142
Decimal	12754574
CIELab	68.00, 10.91, 13.38
CIELCh	68, 17.265, 50.792
Yxy	37.9720, 0.3642, 0.3505
Android (android.graphics.Color)	4290944654 (0xFFC29E8E)
YUV	166.9400, -12.2954, 23.7316
Hunter-Lab	61.6215, 6.4506, 13.3911

Details

The CIELCh color **68, 17.265, 50.792** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **71, 14.777, 235.151**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 17.093, 51.201**, and **48, 17.339, 50.980** is the 20% darker color. If you saturate the color by 10%, you get **64, 24.640, 50.312**, and if you desaturate by 10%, it is **72, 10.416, 51.364**.

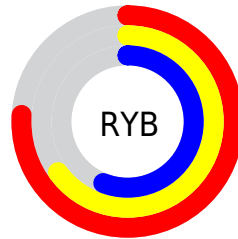
Distribution



Red (76%)

Green (62%)

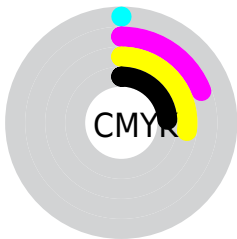
Blue (56%)



Red (76%)

Yellow (65%)

Blue (56%)

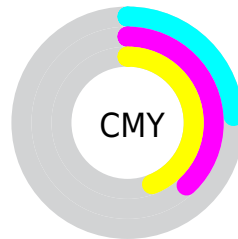


Cyan (0%)

Magenta (19%)

Yellow (27%)

Black (24%)



Cyan (24%)

Magenta (38%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 17.265, 50.792 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 68, 17.265, 50.792 by changing the saturation by 10% instead.

68, 17.265, 50.792

68, 17.265, 50.792

100, 17.265,
50.792

58, 17.265, 50.792

88, 17.265, 50.792

48, 17.265, 50.792

98, 17.265, 50.792

38, 17.265, 50.792

28, 17.265, 50.792

18, 17.265, 50.792

8, 17.265, 50.792

0, 17.265, 50.792

68, 17.265, 50.792

68, 17.265, 50.792

64, 24.640, 50.312

72, 10.416, 51.364

61, 32.563, 49.923

76, 4.056, 51.937

57, 41.013, 49.648

80, 1.862, 233.013

54, 49.892, 49.469

84, 7.386, 233.535

51, 58.941, 49.308

88, 12.561,
234.242

48, 67.559, 48.938

92, 16.535,
229.137

46, 74.650, 47.927

95, 18.974,
202.481

45, 76.805, 47.688

96, 19.854,
198.197

Harmonies

Complementary

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



68, 17.265, 50.792



71, 14.777, 235.151

Rectangle

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



68, 17.265, 50.792



68, 17.265, 100.792



68, 17.265, 230.792



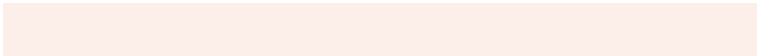
68, 17.265, 280.792

Sweetspot

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



68, 17.264, 50.800



95, 5.948, 51.868



65, 27.932, 336.188



51, 4.286, 51.783



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 17.264, 50.800



84, 26.091, 50.510



75, 22.700, 97.304



39, 3.416, 51.799



37, 66.388, 48.168



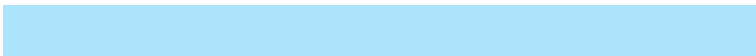
5, 11.852, 39.712

Inverse Universe

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



71, 14.777, 235.151



88, 21.492, 235.946



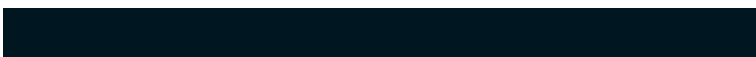
64, 23.398, 284.066



39, 3.253, 233.339



44, 34.915, 256.958



7, 10.624, 246.442

Previews

White Background



This preview shows how the CIELCh color 68, 17.265, 50.792 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 68, 17.265, 50.792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

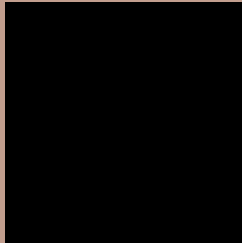
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 17.265, 50.792

Background



This preview shows how black text looks on a background with the CIELCh color 68, 17.265, 50.792.



This preview shows how white text looks on a background with the CIELCh color 68, 17.265, 50.792.

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

68, 17.265, 50.792

Protanopia

68, 11.014, 90.068

Deuteranopia

68, 15.822, 58.516



Tritanopia
68, 17.514, 359.136

Trichromacy



Original Color
68, 17.265, 50.792

Protanomaly
68, 12.272, 72.976

Deuteranomaly
68, 16.503, 54.479

Tritanomaly
68, 15.841, 16.935

Monochromacy



Original Color
68, 17.265, 50.792

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 6.032, 52.687

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 17.265, 50.792 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(194, 158, 142)` looks like.

```
.text, #text, p{  
    color:rgb(194, 158, 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(194, 158, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 158, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 17.265, 50.792 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(194, 158, 142) }
```

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

```
.border{ border-color:rgb(194, 158, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 158, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 158, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 158, 142);  
box-shadow:4px 4px 4px 4px rgb(194, 158,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 17.265, 50.792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 158, 142) }
```

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

```
.background{ background-color: rgb(194,  
158, 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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