

Converting Colors

CIELCh(67, 20.889, 50.456)

Have a look what the booklet for
CIELCh(67, 20.889, 50.456) contains.

CIELCh(67, 20.906, 50.416)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(67, 20.906, 50.416)

Conversions

Conversions Part 1

Format	Color
Hex	C59A87
RGB	197, 154, 135
RGB Percent	77%, 60%, 53%
CMY	0.2283, 0.3968, 0.4713
CMYK	0.00, 0.22, 0.31, 0.23
HSL	18°, 35%, 65%
HSV	18°, 31%, 77%
XYZ	38.8536, 36.6320, 27.8736
YIQ	164.6910, 31.7270, 3.2070

Conversions

Conversions Part 2

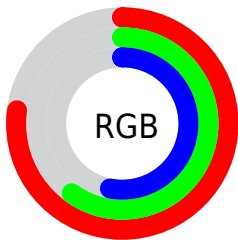
Format	Color
RYB	197, 162, 135
Decimal	12950151
CIELab	67.00, 13.32, 16.11
CIELCh	67, 20.906, 50.416
Yxy	36.6320, 0.3759, 0.3544
Android (android.graphics.Color)	4291140231 (0xFFC59A87)
YUV	164.6910, -14.6377, 28.3350
Hunter-Lab	60.5244, 8.6705, 15.0619

Details

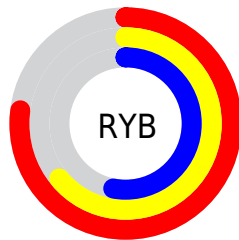
The CIELCh color $67, 20.906, 50.416$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $70, 17.327, 235.631$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 21.167, 49.772$, and $47, 20.978, 51.052$ is the 20% darker color. If you saturate the color by 10%, you get $63, 28.627, 49.986$, and if you desaturate by 10%, it is $71, 13.731, 50.950$.

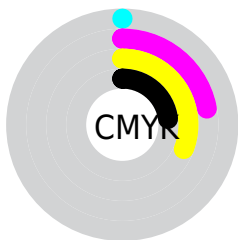
Distribution



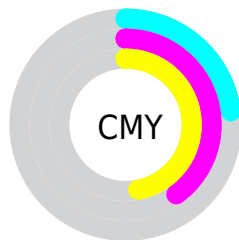
- Red (77%)
- Green (60%)
- Blue (53%)



- Red (77%)
- Yellow (64%)
- Blue (53%)



- Cyan (0%)
- Magenta (22%)
- Yellow (31%)
- Black (23%)



- Cyan (23%)
- Magenta (40%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 20.906, 50.416 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, 20.906, 50.416 by changing the saturation by 10% instead.

67, 20.906, 50.416

67, 20.906, 50.416

100, 20.906,
50.416

57, 20.906, 50.416

87, 20.906, 50.416

47, 20.906, 50.416

97, 20.906, 50.416

37, 20.906, 50.416

27, 20.906, 50.416

17, 20.906, 50.416

7, 20.906, 50.416

0, 20.906, 50.416

67, 20.906, 50.416

67, 20.906, 50.416

63, 28.627, 49.986

71, 13.731, 50.950

60, 36.900, 49.659

75, 7.072, 51.529

56, 45.674, 49.444

79, 0.884, 51.706

53, 54.786, 49.301

83, 4.881, 233.073

50, 63.840, 49.094

87, 10.272,
233.745

48, 71.970, 48.481

91, 15.332,
234.463

46, 77.646, 47.597

95, 17.365,
208.090

96, 19.076,
198.246

Harmonies

Complementary

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



67, 20.906, 50.416



70, 17.327, 235.631

Rectangle

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



67, 20.906, 50.416



67, 20.906, 100.416



67, 20.906, 230.416



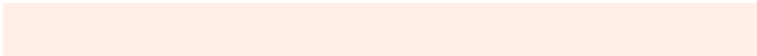
67, 20.906, 280.416

Sweetspot

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



67, 20.905, 50.423



96, 6.773, 51.664



64, 33.181, 336.564



50, 4.732, 51.580



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 20.905, 50.423



82, 31.992, 50.103



75, 27.000, 96.735



40, 3.491, 51.650



38, 67.238, 48.063



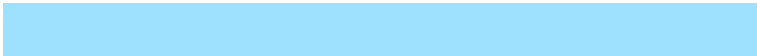
5, 13.528, 38.480

Inverse Universe

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



70, 17.327, 235.631



86, 25.232, 236.748



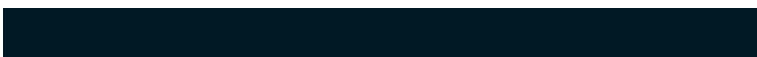
62, 28.016, 284.887



40, 3.324, 233.184



45, 35.274, 256.804



7, 11.425, 245.876

Previews

White Background



This preview shows how the CIELCh color 67, 20.906, 50.416 looks on a white background.

Color Contrast Check

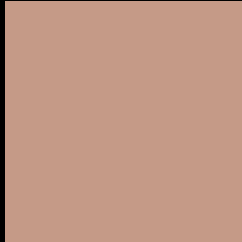
Large Text (above 18pt) WCAG AA × Fail

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, 20.906, 50.416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

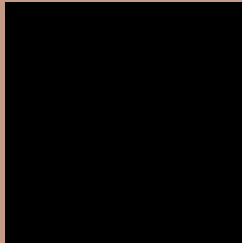
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 20.906, 50.416

Background



This preview shows how black text looks on a background with the CIELCh color 67, 20.906, 50.416.



This preview shows how white text looks on a background with the CIELCh color 67, 20.906, 50.416.

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, 20.906, 50.416

Protanopia

67, 13.673, 93.360

Deuteranopia

67, 18.478, 63.004



Tritanopia
67, 20.594, 2.908

Trichromacy



Original Color
67, 20.906, 50.416

Protanomaly
67, 15.351, 74.792

Deuteranomaly
67, 19.410, 58.574

Tritanomaly
67, 19.240, 19.618

Monochromacy



Original Color
67, 20.906, 50.416

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 7.384, 51.185

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 20.906, 50.416 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(197, 154, 135)` looks like.

```
.text, #text, p{  
    color:rgb(197, 154, 135)  
}
```

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(197, 154, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 154, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 20.906, 50.416 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(197, 154, 135) }
```

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

```
.border{ border-color:rgb(197, 154, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 154, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 154, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 154, 135);  
box-shadow:4px 4px 4px 4px rgb(197, 154,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 20.906, 50.416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 154, 135) }
```

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

```
.background{ background-color: rgb(197,  
154, 135) }
```

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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