

Converting Colors

CIELCh(69, 20.836, 53.427)

Have a look what the booklet for
CIELCh(69, 20.836, 53.427) contains.

CIELCh(69, 20.659, 54.001)	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(69, 20.659, 54.001)

Conversions

Conversions Part 1

Format	Color
Hex	C9A08B
RGB	201, 160, 139
RGB Percent	79%, 63%, 55%
CMY	0.2124, 0.3731, 0.4555
CMYK	0.00, 0.20, 0.31, 0.21
HSL	20°, 36%, 67%
HSV	20°, 31%, 79%
XYZ	41.2384, 39.3444, 29.7904
YIQ	169.8650, 31.1770, 2.1610

Conversions

Conversions Part 2

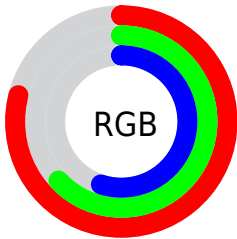
Format	Color
R_{YB}	201, 171, 139
Decimal	13213835
CIE _{Lab}	69.00, 12.14, 16.71
CIE _{LCh}	69, 20.659, 54.001
Yxy	39.3444, 0.3736, 0.3565
Android (android.graphics.Color)	4291403915 (0xFFC9A08B)
YUV	169.8650, -15.2164, 27.3054
Hunter-Lab	62.7251, 7.5853, 15.7487

Details

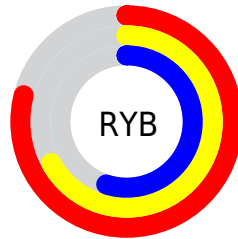
The CIELCh color **69, 20.659, 54.001** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **71, 17.429, 239.997**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 19.294, 56.263**, and **49, 20.715, 52.963** is the 20% darker color. If you saturate the color by 10%, you get **65, 28.380, 53.381**, and if you desaturate by 10%, it is **73, 13.464, 54.704**.

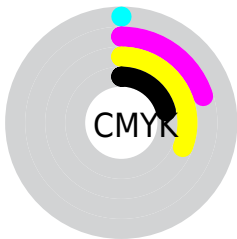
Distribution



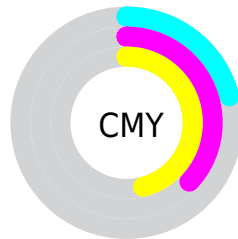
- Red (79%)
- Green (63%)
- Blue (55%)



- Red (79%)
- Yellow (67%)
- Blue (55%)



- Cyan (0%)
- Magenta (20%)
- Yellow (31%)
- Black (21%)



- Cyan (21%)
- Magenta (37%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 20.659, 54.001 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 69, 20.659, 54.001 by changing the saturation by 10% instead.

69, 20.659, 54.001

69, 20.659, 54.001

100, 20.659,
54.001

59, 20.659, 54.001

89, 20.659, 54.001

49, 20.659, 54.001

99, 20.659, 54.001

39, 20.659, 54.001

29, 20.659, 54.001

19, 20.659, 54.001

9, 20.659, 54.001

0, 20.659, 54.001

69, 20.659, 54.001

69, 20.659, 54.001

65, 28.380, 53.381

73, 13.464, 54.704

62, 36.633, 52.838

77, 6.764, 55.432

58, 45.370, 52.376

81, 0.515, 55.364

55, 54.430, 51.956

85, 5.329, 237.224

52, 63.424, 51.443

89, 10.816,
238.014

50, 71.515, 50.521

92, 14.812,
231.553

48, 77.495, 49.220

96, 17.124,
202.152

96, 17.844,
198.324

Harmonies

Complementary

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



69, 20.659, 54.001



71, 17.429, 239.997

Rectangle

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



69, 20.659, 54.001



69, 20.659, 104.001



69, 20.659, 234.001



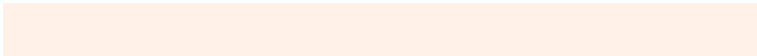
69, 20.659, 284.001

Sweetspot

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



69, 20.658, 54.009



96, 6.760, 55.555



65, 32.324, 337.992



50, 4.722, 55.451



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 20.658, 54.009



83, 30.809, 53.582



77, 27.765, 98.847



40, 3.484, 55.538



39, 66.069, 49.766



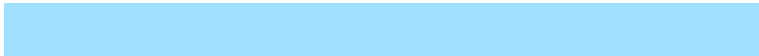
6, 13.370, 41.025

Inverse Universe

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



71, 17.429, 239.997



86, 24.905, 241.142



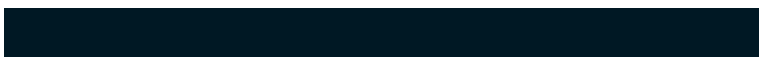
63, 29.023, 286.606



40, 3.330, 237.309



43, 37.261, 262.467



7, 11.724, 251.153

Previews

White Background



This preview shows how the CIELCh color 69, 20.659, 54.001 looks on a white background.

Color Contrast Check

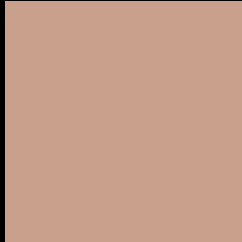
Large Text (above 18pt) WCAG AA × Fail

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 69, 20.659, 54.001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

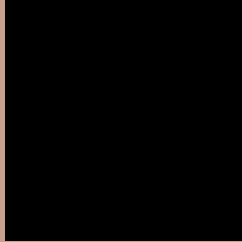
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 20.659, 54.001

Background



This preview shows how black text looks on a background with the CIELCh color 69, 20.659, 54.001.

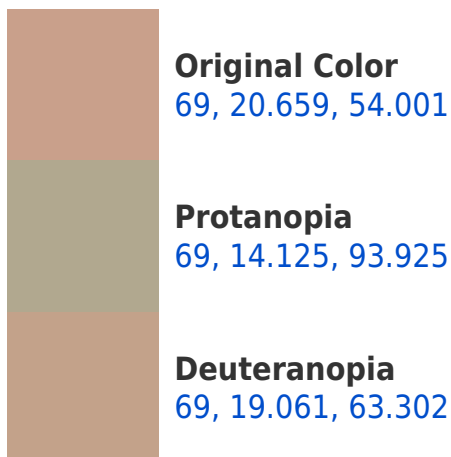



This preview shows how white text looks on a background with the CIELCh color 69, 20.659, 54.001.

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





Tritanopia
69, 19.705, 1.989

Trichromacy



Original Color
69, 20.659, 54.001

Protanomaly
69, 15.720, 75.879

Deuteranomaly
69, 19.649, 59.764

Tritanomaly
69, 18.312, 21.086

Monochromacy



Original Color
69, 20.659, 54.001

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 6.991, 52.883

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 20.659, 54.001 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(201, 160, 139)` looks like.

```
.text, #text, p{  
    color:rgb(201, 160, 139)  
}
```

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(201, 160, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 160, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 20.659, 54.001 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(201, 160, 139) }
```

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

```
.border{ border-color:rgb(201, 160, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 160, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 160, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 160, 139);  
box-shadow:4px 4px 4px 4px rgb(201, 160,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 20.659, 54.001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 160, 139) }
```

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

```
.background{ background-color: rgb(201,  
160, 139) }
```

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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