

Converting Colors

CIELCh(69, 21.829, 55.142)

Have a look what the booklet for
CIELCh(69, 21.829, 55.142) contains.

CIELCh(69, 21.713, 55.581)	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, 21.713, 55.581)

Conversions

Conversions Part 1

Format	Color
Hex	CAA089
RGB	202, 160, 137
RGB Percent	79%, 63%, 54%
CMY	0.2091, 0.3737, 0.4639
CMYK	0.00, 0.21, 0.32, 0.21
HSL	21°, 38%, 66%
HSV	21°, 32%, 79%
XYZ	41.2810, 39.3444, 28.9734
YIQ	169.9360, 32.4150, 1.7510

Conversions

Conversions Part 2

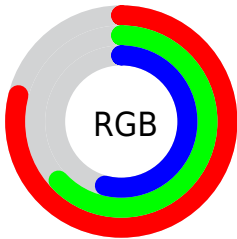
Format	Color
R _Y B	202, 173, 137
Decimal	13279369
CIE Lab	69.00, 12.27, 17.91
CIE LCh	69, 21.713, 55.581
Yxy	39.3444, 0.3767, 0.3590
Android (android.graphics.Color)	4291469449 (0xFFCAA089)
YUV	169.9360, -16.2374, 28.1201
Hunter-Lab	62.7251, 7.7066, 16.5209

Details

The CIELCh color **69, 21.713, 55.581** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **71, 18.297, 242.292**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 20.334, 59.547**, and **49, 21.861, 54.630** is the 20% darker color. If you saturate the color by 10%, you get **65, 29.493, 54.889**, and if you desaturate by 10%, it is **73, 14.448, 56.349**.

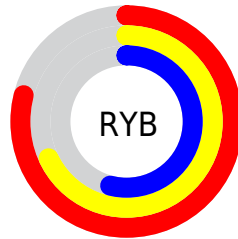
Distribution



Red (79%)

Green (63%)

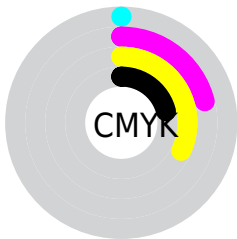
Blue (54%)



Red (79%)

Yellow (68%)

Blue (54%)

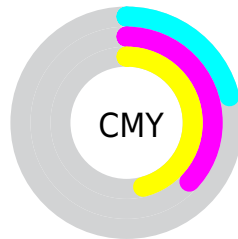


Cyan (0%)

Magenta (21%)

Yellow (32%)

Black (21%)



Cyan (21%)

Magenta (37%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 21.713, 55.581 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, 21.713, 55.581 by changing the saturation by 10% instead.

69, 21.713, 55.581

69, 21.713, 55.581

100, 21.713,
55.581

59, 21.713, 55.581

89, 21.713, 55.581

49, 21.713, 55.581

99, 21.713, 55.581

39, 21.713, 55.581

29, 21.713, 55.581

19, 21.713, 55.581

9, 21.713, 55.581

0, 21.713, 55.581

69, 21.713, 55.581

69, 21.713, 55.581

65, 29.493, 54.889

73, 14.448, 56.349

62, 37.787, 54.263

76, 7.672, 57.142

59, 46.536, 53.703

80, 1.342, 57.705

56, 55.552, 53.156

84, 4.587, 239.042

53, 64.395, 52.471

88, 10.161,
239.867

50, 72.154, 51.303

92, 14.622,
236.264

48, 77.092, 50.060

95, 16.306,
205.882

97, 17.588,
198.340

Harmonies

Complementary

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



69, 21.713, 55.581



71, 18.297, 242.292

Rectangle

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



69, 21.713, 55.581



69, 21.713, 105.581



69, 21.713, 235.581



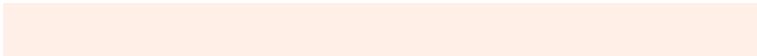
69, 21.713, 285.581

Sweetspot

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



69, 21.712, 55.588



95, 7.543, 57.305



65, 33.467, 338.878



50, 5.172, 57.194



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, 21.712, 55.588



82, 32.646, 55.069



77, 29.540, 99.661



41, 3.561, 57.361



40, 66.304, 50.583



6, 14.906, 41.779

Inverse Universe

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



71, 18.297, 242.292



85, 26.286, 243.652



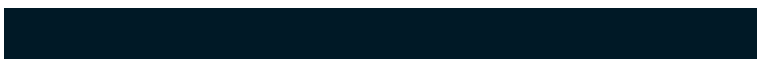
62, 31.078, 287.706



41, 3.409, 239.239



43, 38.778, 265.021



7, 12.670, 253.407

Previews

White Background



This preview shows how the CIELCh color 69, 21.713, 55.581 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, 21.713, 55.581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

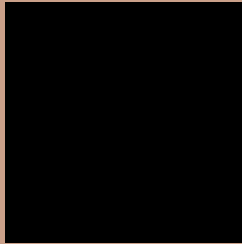
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 21.713, 55.581

Background



This preview shows how black text looks on a background with the CIELCh color 69, 21.713, 55.581.



This preview shows how white text looks on a background with the CIELCh color 69, 21.713, 55.581.

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, 20.475, 2.834

Trichromacy



Original Color
69, 21.713, 55.581

Protanomaly
69, 16.891, 76.524

Deuteranomaly
69, 20.750, 61.121

Tritanomaly
69, 18.778, 22.770

Monochromacy



Original Color
69, 21.713, 55.581

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 7.639, 54.620

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 21.713, 55.581 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(202, 160, 137)` looks like.

```
.text, #text, p{  
    color:rgb(202, 160, 137)  
}
```

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(202, 160, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 160, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 21.713, 55.581 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(202, 160, 137) }
```

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

```
.border{ border-color:rgb(202, 160, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 160, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 160, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 160, 137);  
box-shadow:4px 4px 4px 4px rgb(202, 160,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 21.713, 55.581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 160, 137) }
```

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

```
.background{ background-color: rgb(202,  
160, 137) }
```

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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