

Converting Colors

CIELCh(69, 17.224, 20.983)

Have a look what the booklet for
CIELCh(69, 17.224, 20.983) contains.

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Color

CIELCh(69, 17.065, 20.959)

Conversions

Conversions Part 1

Format	Color
Hex	C99E9E
RGB	201, 158, 158
RGB Percent	79%, 62%, 62%
CMY	0.2117, 0.3803, 0.3804
CMYK	0.00, 0.21, 0.21, 0.21
HSL	0°, 28%, 70%
HSV	0°, 21%, 79%
XYZ	42.4906, 39.3444, 37.7062
YIQ	170.8570, 25.6280, 9.1160

Conversions

Conversions Part 2

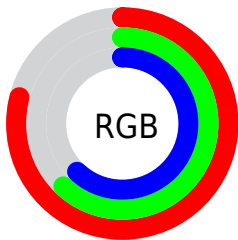
Format	Color
R _Y B	201, 158, 158
Decimal	13213342
CIE Lab	69.00, 15.94, 6.10
CIE LCh	69, 17.065, 20.959
Yxy	39.3444, 0.3554, 0.3291
Android (android.graphics.Color)	4291403422 (0xFFC99E9E)
YUV	170.8570, -6.3385, 26.4354
Hunter-Lab	62.7251, 11.1488, 8.2663

Details

The CIELCh color $69, 17.065, 20.959$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $78, 14.822, 198.339$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 15.649, 20.525$, and $49, 17.133, 19.594$ is the 20% darker color. If you saturate the color by 10%, you get $64, 26.003, 22.076$, and if you desaturate by 10%, it is $75, 8.738, 20.090$.

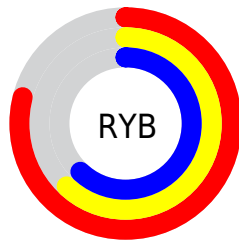
Distribution



Red (79%)

Green (62%)

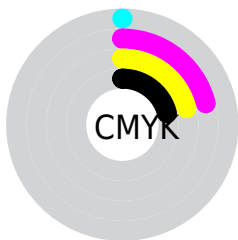
Blue (62%)



Red (79%)

Yellow (62%)

Blue (62%)

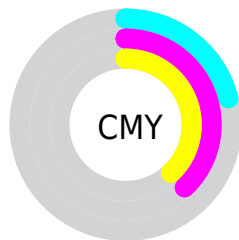


Cyan (0%)

Magenta (21%)

Yellow (21%)

Black (21%)



Cyan (21%)

Magenta (38%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 17.065, 20.959 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, 17.065, 20.959 by changing the saturation by 10% instead.

69, 17.065, 20.959

69, 17.065, 20.959

100, 17.065,
20.959

59, 17.065, 20.959

89, 17.065, 20.959

49, 17.065, 20.959

99, 17.065, 20.959

39, 17.065, 20.959

29, 17.065, 20.959

19, 17.065, 20.959

9, 17.065, 20.959

0, 17.065, 20.959

69, 17.065, 20.959

69, 17.065, 20.959

64, 26.003, 22.076

75, 8.738, 20.090

■ 59, 35.502, 23.519

■ 80, 1.028, 18.959

■ 54, 45.423, 25.401

■ 86, 6.102, 199.075

■ 50, 55.534, 27.830

■ 92, 12.703,
198.622

■ 47, 65.501, 30.864

■ 96, 17.792,
198.327

■ 44, 74.843, 34.371

■ 43, 82.622, 37.758

■ 42, 87.417, 40.001

Harmonies

Complementary

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



69, 17.065, 20.959



78, 14.822, 198.339

Rectangle

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



69, 17.065, 20.959



69, 17.065, 70.959



69, 17.065, 200.959



69, 17.065, 250.959

Sweetspot

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



69, 17.063, 20.966



96, 5.467, 19.664



70, 28.205, 325.598



51, 3.636, 19.720



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, 17.063, 20.966



82, 25.639, 21.482



74, 14.431, 72.773



39, 4.278, 19.930



34, 74.643, 39.777



3, 15.884, 19.410

Inverse Universe

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



78, 14.822, 198.339



96, 21.480, 198.103



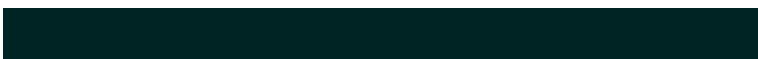
72, 13.637, 258.524



41, 4.034, 198.987



61, 35.884, 196.400



12, 12.982, 196.397

Previews

White Background



This preview shows how the CIELCh color 69, 17.065, 20.959 looks on a white background.

Color Contrast Check

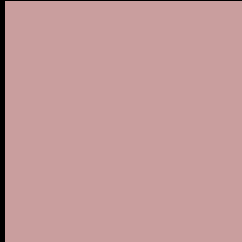
Large Text (above 18pt) WCAG AA × Fail

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, 17.065, 20.959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

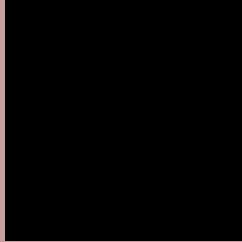
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 17.065, 20.959

Background



This preview shows how black text looks on a background with the CIELCh color 69, 17.065, 20.959.



This preview shows how white text looks on a background with the CIELCh color 69, 17.065, 20.959.

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


69, 17.065, 20.959

Protanopia

69, 3.325, 74.631

Deuteranopia

69, 10.791, 37.834



Tritanopia
69, 18.963, 1.101

Trichromacy



Original Color
69, 17.065, 20.959

Protanomaly
69, 7.576, 32.453

Deuteranomaly
69, 12.873, 30.205

Tritanomaly
69, 17.997, 8.921

Monochromacy



Original Color
69, 17.065, 20.959

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 6.155, 19.872

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 17.065, 20.959 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, 158, 158)` looks like.

```
.text, #text, p{  
    color:rgb(201, 158, 158)  
}
```

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, 158, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 158, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 17.065, 20.959 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, 158, 158) }
```

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

```
.border{ border-color:rgb(201, 158, 158) }
```

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

Here you see how a box with a 4 pixel rgb(201, 158, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 158, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 158, 158);  
box-shadow:4px 4px 4px 4px rgb(201, 158,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 17.065, 20.959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 158, 158) }
```

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

```
.background{ background-color: rgb(201,  
158, 158) }
```

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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