

Converting Colors

CIELCh(69, 21.167, 1.183)

Have a look what the booklet for
CIELCh(69, 21.167, 1.183) contains.

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Color

CIELCh(69, 20.984, 1.793)

Conversions

Conversions Part 1

Format	Color
Hex	CE9BA8
RGB	206, 155, 168
RGB Percent	81%, 61%, 66%
CMY	0.1925, 0.3925, 0.3415
CMYK	0.00, 0.25, 0.18, 0.19
HSL	345°, 34%, 71%
HSV	345°, 25%, 81%
XYZ	44.1926, 39.3444, 42.2662
YIQ	171.7310, 26.2230, 14.8550

Conversions

Conversions Part 2

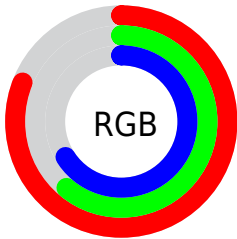
Format	Color
R _Y B	206, 155, 168
Decimal	13540264
CIE Lab	69.00, 20.97, 0.66
CIE LCh	69, 20.984, 1.793
Yxy	39.3444, 0.3513, 0.3127
Android (android.graphics.Color)	4291730344 (0xFFCE9BA8)
YUV	171.7310, -1.8394, 30.0539
Hunter-Lab	62.7251, 15.9921, 3.9561

Details

The CIELCh color $69, 20.984, 1.793$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $79, 19.276, 176.818$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 17.786, 358.507$, and $49, 21.258, 1.507$ is the 20% darker color. If you saturate the color by 10%, you get $64, 29.952, 3.229$, and if you desaturate by 10%, it is $74, 12.252, 0.585$.

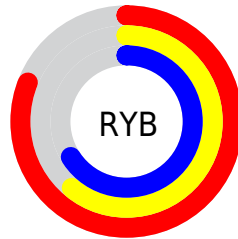
Distribution



Red (81%)

Green (61%)

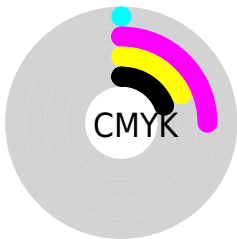
Blue (66%)



Red (81%)

Yellow (61%)

Blue (66%)

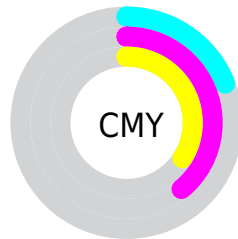


Cyan (0%)

Magenta (25%)

Yellow (18%)

Black (19%)



Cyan (19%)

Magenta (39%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 20.984, 1.793 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, 20.984, 1.793 by changing the saturation by 10% instead.

 69, 20.984, 1.793

 69, 20.984, 1.793

 100, 20.984, 1.793

 59, 20.984, 1.793

 89, 20.984, 1.793

 49, 20.984, 1.793

 99, 20.984, 1.793

 39, 20.984, 1.793

 29, 20.984, 1.793

 19, 20.984, 1.793

 9, 20.984, 1.793

 0, 20.984, 1.793

 69, 20.984, 1.793

 69, 20.984, 1.793

 64, 29.952, 3.229

 74, 12.252, 0.585

59, 38.981, 4.965

80, 3.865, 359.474

54, 47.793, 7.117

86, 4.135, 178.839

51, 56.028, 9.826

91, 11.739,
177.980

47, 63.308, 13.257

96, 17.539,
180.635

45, 69.383, 17.551

44, 74.287, 22.712

97, 16.281,
198.424

43, 76.688, 25.521

Harmonies

Complementary

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



69, 20.984, 1.793



79, 19.276, 176.818

Rectangle

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



69, 20.984, 1.793



69, 20.984, 51.793



69, 20.984, 181.793



69, 20.984, 231.793

Sweetspot

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



69, 20.982, 1.797



95, 6.791, 359.741



69, 31.074, 317.838



50, 4.419, 359.809



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, 20.982, 1.797



80, 30.540, 2.568



72, 17.053, 42.687



40, 4.616, 359.993



34, 64.836, 24.556



4, 18.382, 7.064

Inverse Universe

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



69, 20.982, 1.797



80, 30.540, 2.568



76, 14.509, 224.882



40, 4.616, 359.993



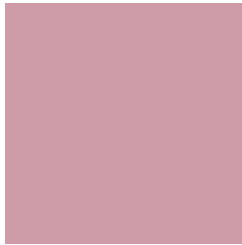
34, 64.836, 24.556



4, 18.382, 7.064

Previews

White Background



This preview shows how the CIELCh color 69, 20.984, 1.793 looks on a white background.

Color Contrast Check

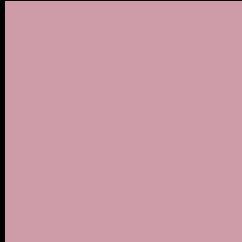
Large Text (above 18pt) WCAG AA × Fail

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, 20.984, 1.793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

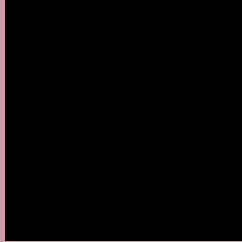
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 20.984, 1.793

Background



This preview shows how black text looks on a background with the CIELCh color 69, 20.984, 1.793.

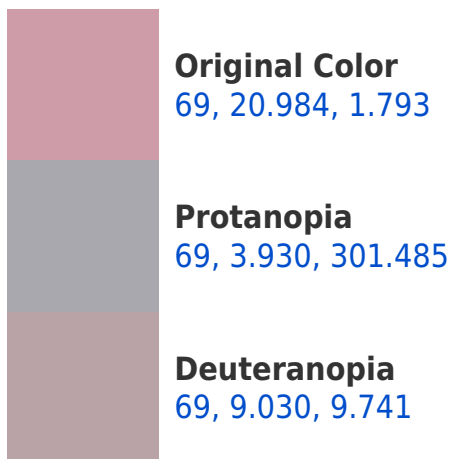


This preview shows how white text looks on a background with the CIELCh color 69, 20.984, 1.793.

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, 20.851, 3.229

Trichromacy



Original Color
69, 20.984, 1.793

Protanomaly
69, 9.084, 347.346

Deuteranomaly
69, 13.324, 3.994

Tritanomaly
69, 20.851, 3.229

Monochromacy



Original Color
69, 20.984, 1.793

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 7.401, 358.384

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 20.984, 1.793 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(206, 155, 168)` looks like.

```
.text, #text, p{  
    color:rgb(206, 155, 168)  
}
```

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(206, 155, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 155, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 20.984, 1.793 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(206, 155, 168) }
```

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

```
.border{ border-color:rgb(206, 155, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 155, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 155, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 155, 168);  
box-shadow:4px 4px 4px 4px rgb(206, 155,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 20.984, 1.793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 155, 168) }
```

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

```
.background{ background-color: rgb(206,  
155, 168) }
```

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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