

Converting Colors

CIELCh(71, 29.798, 23.089)

Have a look what the booklet for
CIELCh(71, 29.798, 23.089) contains.

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Color

CIELCh(71, 29.558, 23.209)

Conversions

Conversions Part 1

Format	Color
Hex	E49B9A
RGB	228, 155, 154
RGB Percent	89%, 61%, 60%
CMY	0.1065, 0.3927, 0.3967
CMYK	0.00, 0.32, 0.32, 0.11
HSL	1°, 58%, 75%
HSV	1°, 32%, 89%
XYZ	49.4589, 42.1875, 36.0431
YIQ	176.7130, 43.8290, 15.1650

Conversions

Conversions Part 2

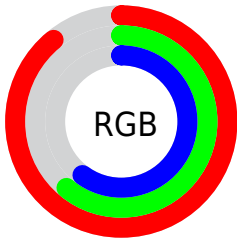
Format	Color
R _Y B	228, 155, 154
Decimal	14982042
CIE Lab	71.00, 27.17, 11.65
CIE LCh	71, 29.558, 23.209
Yxy	42.1875, 0.3873, 0.3304
Android (android.graphics.Color)	4293172122 (0xFFE49B9A)
YUV	176.7130, -11.1975, 44.9787
Hunter-Lab	64.9519, 22.2565, 12.5651

Details

The CIELCh color **71, 29.558, 23.209** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **86, 23.554, 199.128**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 16.944, 24.115**, and **51, 29.697, 23.180** is the 20% darker color. If you saturate the color by 10%, you get **66, 40.052, 24.648**, and if you desaturate by 10%, it is **77, 19.684, 22.118**.

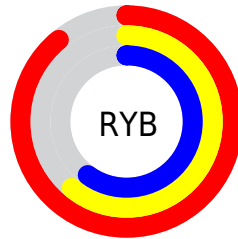
Distribution



Red (89%)

Green (61%)

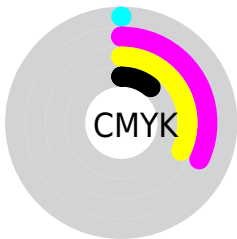
Blue (60%)



Red (89%)

Yellow (61%)

Blue (60%)

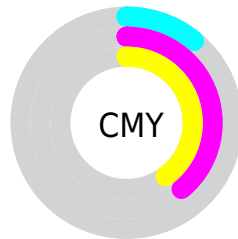


Cyan (0%)

Magenta (32%)

Yellow (32%)

Black (11%)



Cyan (11%)

Magenta (39%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 29.558, 23.209 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 71, 29.558, 23.209 by changing the saturation by 10% instead.

71, 29.558, 23.209

71, 29.558, 23.209

100, 29.558,
23.209

61, 29.558, 23.209

91, 29.558, 23.209

51, 29.558, 23.209

41, 29.558, 23.209

31, 29.558, 23.209

21, 29.558, 23.209

11, 29.558, 23.209

1, 29.558, 23.209

0, 29.558, 23.209

71, 29.558, 23.209

71, 29.558, 23.209

66, 40.052, 24.648

77, 19.684, 22.118

61, 51.021, 26.524

83, 10.499, 21.264

56, 62.203, 28.944

89, 2.000, 20.384

53, 73.220, 31.941

95, 5.851, 200.304

50, 83.478, 35.335

98, 9.239, 198.893

48, 91.749, 38.431

48, 95.866, 40.110

Harmonies

Complementary

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



71, 29.558, 23.209



86, 23.554, 199.128

Rectangle

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



71, 29.558, 23.209



71, 29.558, 73.209



71, 29.558, 203.209



71, 29.558, 253.209

Sweetspot

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



71, 29.556, 23.214



93, 9.135, 21.082



73, 47.250, 326.200



49, 6.268, 21.188



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 29.556, 23.214



75, 39.855, 24.141



80, 24.912, 71.362



45, 4.752, 21.036



37, 79.796, 40.125



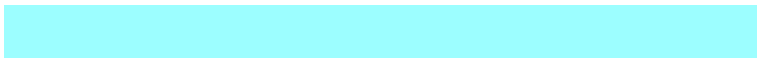
6, 26.844, 22.436

Inverse Universe

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



86, 23.554, 199.128



94, 30.082, 198.900



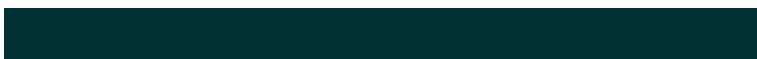
76, 22.744, 260.665



47, 4.474, 200.158



65, 37.617, 198.506



18, 15.831, 198.173

Previews

White Background



This preview shows how the CIELCh color 71, 29.558, 23.209 looks on a white background.

Color Contrast Check

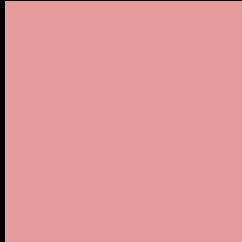
Large Text (above 18pt) WCAG AA × Fail

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 71, 29.558, 23.209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

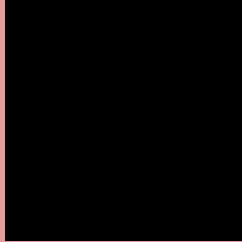
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 29.558, 23.209

Background



This preview shows how black text looks on a background with the CIELCh color 71, 29.558, 23.209.

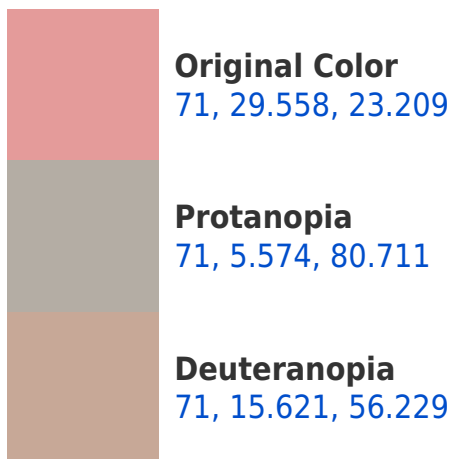


This preview shows how white text looks on a background with the CIELCh color 71, 29.558, 23.209.

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
71, 30.538, 10.289

Trichromacy



Original Color
71, 29.558, 23.209

Protanomaly
71, 12.688, 35.218

Deuteranomaly
71, 19.640, 38.478

Tritanomaly
71, 30.025, 15.169

Monochromacy



Original Color
71, 29.558, 23.209

Achromatopsia
72, 0.009, 296.813

Achromatomaly
71, 10.054, 20.237

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 29.558, 23.209 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(228, 155, 154)` looks like.

```
.text, #text, p{  
    color:rgb(228, 155, 154)  
}
```

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(228, 155, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 155, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 29.558, 23.209 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(228, 155, 154) }
```

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

```
.border{ border-color:rgb(228, 155, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 155, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 155, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 155, 154); box-shadow:4px 4px 4px 4px rgb(228, 155, 154) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 29.558, 23.209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 155, 154) }
```

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

```
.background{ background-color: rgb(228,  
155, 154) }
```

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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