

Converting Colors

CIELCh(72, 26.686, 16.703)

Have a look what the booklet for
CIELCh(72, 26.686, 16.703) contains.

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Color

CIELCh(72, 26.652, 16.161)

Conversions

Conversions Part 1	
Format	Color
Hex	E29FA4
RGB	226, 159, 164
RGB Percent	89%, 62%, 64%
CMY	0.1136, 0.3764, 0.3568
CMYK	0.00, 0.30, 0.27, 0.11
HSL	356°, 54%, 76%
HSV	356°, 30%, 89%
XYZ	50.4779, 43.6590, 40.8999
YIQ	179.6030, 38.3270, 15.7590

Conversions

Conversions Part 2

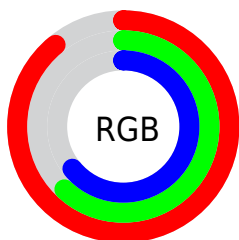
Format	Color
RYB	226, 159, 164
Decimal	14852004
CIELab	72.00, 25.60, 7.42
CIELCh	72, 26.652, 16.161
Yxy	43.6590, 0.3738, 0.3233
Android (android.graphics.Color)	4293042084 (0xFFE29FA4)
YUV	179.6030, -7.6923, 40.6902
Hunter-Lab	66.0750, 20.7336, 9.5524

Details

The CIELCh color **72, 26.652, 16.161** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **86, 22.394, 191.110**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 15.334, 10.833**, and **52, 26.525, 16.635** is the 20% darker color. If you saturate the color by 10%, you get **66, 36.700, 17.707**, and if you desaturate by 10%, it is **78, 17.092, 14.939**.

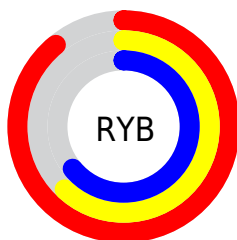
Distribution



Red (89%)

Green (62%)

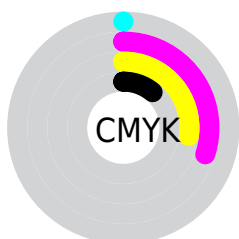
Blue (64%)



Red (89%)

Yellow (62%)

Blue (64%)

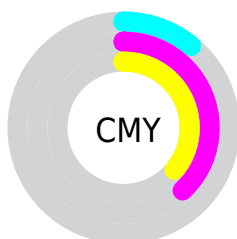


Cyan (0%)

Magenta (30%)

Yellow (27%)

Black (11%)



Cyan (11%)

Magenta (38%)

Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 26.652, 16.161 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 72, 26.652, 16.161 by changing the saturation by 10% instead.

 72, 26.652, 16.161

 72, 26.652, 16.161

 100, 26.652,
16.161

 62, 26.652, 16.161

 92, 26.652, 16.161

 52, 26.652, 16.161

 42, 26.652, 16.161

 32, 26.652, 16.161

 22, 26.652, 16.161

 12, 26.652, 16.161

 2, 26.652, 16.161

 0, 26.652, 16.161

 72, 26.652, 16.161

 72, 26.652, 16.161

 66, 36.700, 17.707

 78, 17.092, 14.939


 61, 47.075, 19.672


 84, 8.106, 13.927

 57, 57.509, 22.189

 90, 0.289, 195.259

 53, 67.658, 25.373

 96, 8.114, 192.622

 50, 77.157, 29.250

 98, 9.834, 198.852

 48, 85.588, 33.571

 47, 92.222, 37.450

 47, 92.423, 37.553

Harmonies

Complementary

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



72, 26.652, 16.161



86, 22.394, 191.110

Rectangle

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



72, 26.652, 16.161



72, 26.652, 66.161



72, 26.652, 196.161



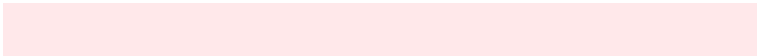
72, 26.652, 246.161

Sweetspot

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



72, 26.650, 16.165



94, 8.328, 13.872



73, 42.000, 323.638



49, 5.816, 14.011



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 26.650, 16.165



76, 36.408, 17.141



79, 21.820, 62.747



44, 4.743, 13.908



36, 76.035, 36.907



6, 25.384, 17.801

Inverse Universe

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



72, 26.650, 16.165



76, 36.408, 17.141



78, 19.237, 250.143



44, 4.743, 13.908



36, 76.035, 36.907



6, 25.384, 17.801

Previews

White Background



This preview shows how the CIELCh color 72, 26.652, 16.161 looks on a white background.

Color Contrast Check

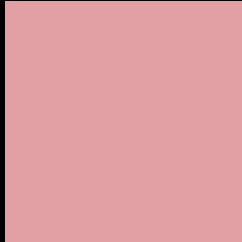
Large Text (above 18pt) WCAG AA × Fail

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 72, 26.652, 16.161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

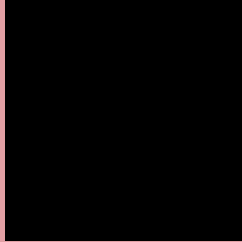
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 26.652, 16.161

Background



This preview shows how black text looks on a background with the CIELCh color 72, 26.652, 16.161.



This preview shows how white text looks on a background with the CIELCh color 72, 26.652, 16.161.

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

72, 26.652, 16.161

Protanopia

72, 2.481, 60.266

Deuteranopia

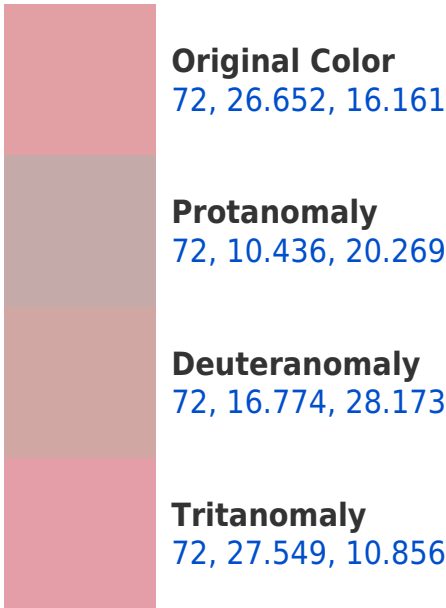
72, 12.087, 43.895



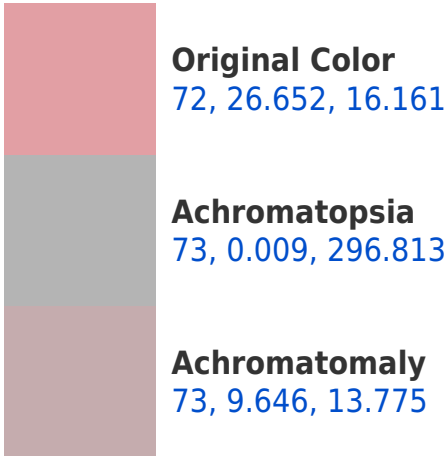
Tritanopia

72, 27.651, 8.643

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 26.652, 16.161 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(226, 159, 164)` looks like.

```
.text, #text, p{  
    color:rgb(226, 159, 164)  
}
```

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(226, 159, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 159, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 26.652, 16.161 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(226, 159, 164) }
```

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

```
.border{ border-color:rgb(226, 159, 164) }
```

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

Here you see how a box with a 4 pixel rgb(226, 159, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 159, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 159, 164);  
box-shadow:4px 4px 4px 4px rgb(226, 159,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 26.652, 16.161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 159, 164) }
```

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

```
.background{ background-color: rgb(226,  
159, 164) }
```

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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