

Converting Colors

CIELCh(72, 35.824, 26.168)

Have a look what the booklet for
CIELCh(72, 35.824, 26.168) contains.

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Color

CIELCh(72, 35.776, 26.149)

Conversions

Conversions Part 1

Format	Color
Hex	F09995
RGB	240, 153, 149
RGB Percent	94%, 60%, 58%
CMY	0.0574, 0.3987, 0.4144
CMYK	0.00, 0.36, 0.38, 0.06
HSL	3°, 76%, 76%
HSV	3°, 38%, 94%
XYZ	52.9541, 43.6590, 34.2041
YIQ	178.5570, 53.1360, 17.2000

Conversions

Conversions Part 2

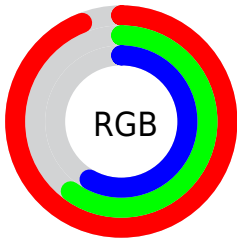
Format	Color
R_{YB}	240, 153, 149
Decimal	15767957
CIE _{Lab}	72.00, 32.11, 15.77
CIE _{LCh}	72, 35.776, 26.149
Yxy	43.6590, 0.4048, 0.3337
Android (android.graphics.Color)	4293958037 (0xFFFF09995)
YUV	178.5570, -14.5716, 53.8855
Hunter-Lab	66.0750, 27.4230, 15.5606

Details

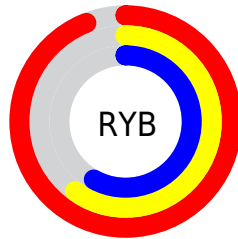
The CIELCh color **72, 35.776, 26.149** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **88, 27.148, 202.135**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 18.019, 28.921**, and **52, 35.960, 26.642** is the 20% darker color. If you saturate the color by 10%, you get **67, 46.843, 27.628**, and if you desaturate by 10%, it is **78, 25.333, 25.039**.

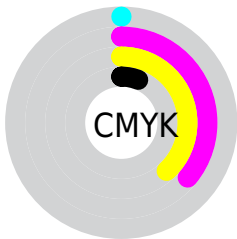
Distribution



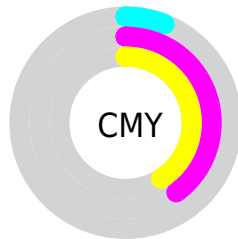
- Red (94%)
- Green (60%)
- Blue (58%)



- Red (94%)
- Yellow (60%)
- Blue (58%)



- Cyan (0%)
- Magenta (36%)
- Yellow (38%)
- Black (6%)



- Cyan (6%)
- Magenta (40%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 35.776, 26.149 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, 35.776, 26.149 by changing the saturation by 10% instead.

72, 35.776, 26.149

72, 35.776, 26.149

100, 35.776,
26.149

62, 35.776, 26.149

92, 35.776, 26.149

52, 35.776, 26.149

42, 35.776, 26.149

32, 35.776, 26.149

22, 35.776, 26.149

12, 35.776, 26.149

2, 35.776, 26.149

0, 35.776, 26.149

72, 35.776, 26.149

72, 35.776, 26.149

67, 46.843, 27.628

78, 25.333, 25.039

62, 58.360, 29.554

84, 15.604, 24.197

58, 70.023, 31.995

90, 6.601, 23.526

54, 81.349, 34.888

96, 1.708, 203.538

52, 91.409, 37.836

99, 5.039, 199.217

51, 98.320, 39.900

50, 99.457, 40.334

Harmonies

Complementary

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



72, 35.776, 26.149



88, 27.148, 202.135

Rectangle

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



72, 35.776, 26.149



72, 35.776, 76.149



72, 35.776, 206.149



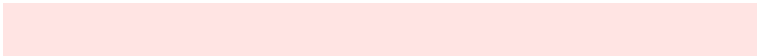
72, 35.776, 256.149

Sweetspot

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



72, 35.774, 26.153



93, 9.796, 23.729



74, 56.022, 327.435



49, 6.619, 23.818



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, 35.774, 26.153



72, 45.766, 27.183



82, 31.213, 74.021



47, 4.782, 23.629



38, 81.092, 40.466



8, 28.879, 26.201

Inverse Universe

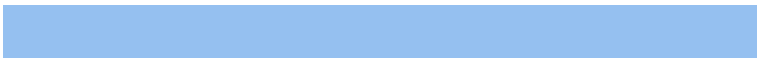
The Inverse Universe completely reimagines the original color for something new.



88, 27.148, 202.135



92, 32.642, 202.055



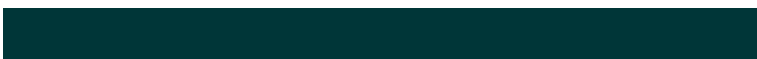
76, 28.651, 265.476



49, 4.498, 202.955



65, 36.901, 203.631



20, 16.232, 202.566

Previews

White Background



This preview shows how the CIELCh color 72, 35.776, 26.149 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 CIE LCh color 72, 35.776, 26.149 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, 35.776, 26.149

Background



This preview shows how black text looks on a background with the CIELCh color 72, 35.776, 26.149.

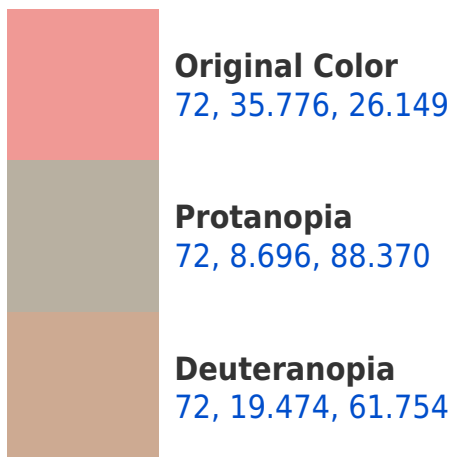


This preview shows how white text looks on a background with the CIELCh color 72, 35.776, 26.149.

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
72, 36.510, 13.017

Trichromacy



Original Color
72, 35.776, 26.149

Protanomaly
72, 15.629, 42.790

Deuteranomaly
72, 24.200, 43.244

Tritanomaly
72, 35.786, 17.816

Monochromacy



Original Color
72, 35.776, 26.149

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 12.125, 25.501

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 35.776, 26.149 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(240, 153, 149)` looks like.

```
.text, #text, p{  
    color:rgb(240, 153, 149)  
}
```

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(240, 153, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 153, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 35.776, 26.149 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(240, 153, 149) }
```

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

```
.border{ border-color:rgb(240, 153, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 153, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 153, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 153, 149);  
box-shadow:4px 4px 4px 4px rgb(240, 153,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 35.776, 26.149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 153, 149) }
```

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

```
.background{ background-color: rgb(240,  
153, 149) }
```

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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