

Converting Colors

CIELCh(76, 20.016, 0.582)

Have a look what the booklet for
CIELCh(76, 20.016, 0.582) contains.

CIELCh(76, 20.351, 359.688)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(76, 20.351, 359.688)

Conversions

Conversions Part 1

Format	Color
Hex	E0AEB3
RGB	224, 174, 188
RGB Percent	88%, 68%, 74%
CMY	0.1206, 0.3167, 0.2618
CMYK	0.00, 0.22, 0.16, 0.12
HSL	343°, 45%, 78%
HSV	343°, 22%, 88%
XYZ	55.0975, 49.8872, 54.4327
YIQ	190.5460, 25.3060, 14.9540

Conversions

Conversions Part 2

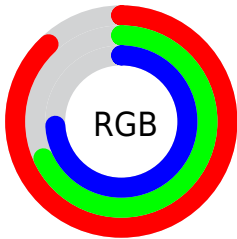
Format	Color
R _Y B	224, 174, 188
Decimal	14724796
CIE Lab	76.00, 20.35, -0.11
CIE LCh	76, 20.351, 359.688
Yxy	49.8872, 0.3456, 0.3129
Android (android.graphics.Color)	4292914876 (0xFFE0AEB3)
YUV	190.5460, -1.2552, 29.3392
Hunter-Lab	70.6309, 15.6395, 3.7490

Details

The CIELCh color **76, 20.351, 359.688** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **86, 18.974, 175.247**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 11.469, 341.296**, and **56, 20.501, 359.087** is the 20% darker color. If you saturate the color by 10%, you get **70, 29.955, 1.057**, and if you desaturate by 10%, it is **82, 11.002, 358.521**.

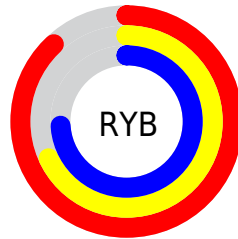
Distribution



Red (88%)

Green (68%)

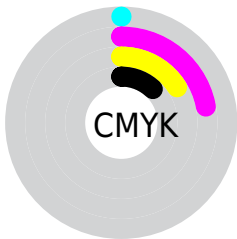
Blue (74%)



Red (88%)

Yellow (68%)

Blue (74%)

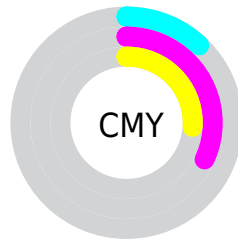


Cyan (0%)

Magenta (22%)

Yellow (16%)

Black (12%)



Cyan (12%)


Magenta (32%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 20.351, 359.688 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 76, 20.351, 359.688 by changing the saturation by 10% instead.


 76, 20.351,
359.688

 76, 20.351,
359.688


 100, 20.351,
359.688


 66, 20.351,
359.688


 96, 20.351,
359.688

 56, 20.351,
359.688

 46, 20.351,
359.688

 36, 20.351,
359.688

 26, 20.351,
359.688

 16, 20.351,
359.688

 6, 20.351, 359.688

0, 20.351, 359.688

76, 20.351,
359.688

76, 20.351,
359.688

70, 29.955, 1.057

82, 11.002,
358.521

65, 39.636, 2.698

88, 2.016, 357.318

60, 49.107, 4.715

94, 6.566, 176.794

56, 57.979, 7.244

98, 10.543,
192.725

52, 65.825, 10.449

50, 72.313, 14.497

98, 10.421,
198.811

48, 77.407, 19.464

47, 80.771, 23.694

Harmonies

Complementary

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



76, 20.351, 359.688



86, 18.974, 175.247

Rectangle

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



76, 20.351, 359.688



76, 20.351, 49.688



76, 20.351, 179.688



76, 20.351, 229.688

Sweetspot

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



76, 20.349, 359.692



95, 6.871, 357.948



76, 29.827, 317.210



50, 4.470, 358.015



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 20.349, 359.692



82, 27.578, 0.331



78, 16.438, 40.929



44, 5.051, 358.209



37, 66.969, 22.679



6, 25.327, 8.753

Inverse Universe

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



76, 20.349, 359.692



82, 27.578, 0.331



83, 14.189, 222.522



44, 5.051, 358.209



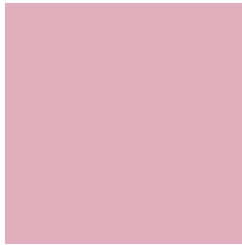
37, 66.969, 22.679



6, 25.327, 8.753

Previews

White Background



This preview shows how the CIELCh color 76, 20.351, 359.688 looks on a white background.

Color Contrast Check

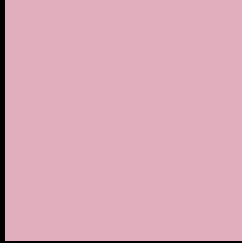
Large Text (above 18pt) WCAG AA × Fail

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 76, 20.351, 359.688 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 76, 20.351, 359.688

Background



This preview shows how black text looks on a background with the CIELCh color 76, 20.351, 359.688.

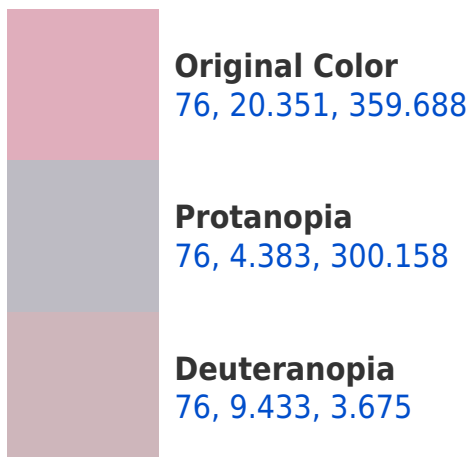


This preview shows how white text looks on a background with the CIELCh color 76, 20.351, 359.688.

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
76, 20.351, 359.688

Trichromacy



Original Color
76, 20.351, 359.688

Protanomaly
76, 9.520, 341.798

Deuteranomaly
76, 13.552, 2.155

Tritanomaly
76, 20.351, 359.688

Monochromacy



Original Color
76, 20.351, 359.688

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 7.253, 358.292

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 20.351, 359.688 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(224, 174, 188)` looks like.

```
.text, #text, p{  
    color:rgb(224, 174, 188)  
}
```

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(224, 174, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 174, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 20.351, 359.688 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(224, 174, 188) }
```

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

```
.border{ border-color:rgb(224, 174, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 174, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 174, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 174, 188);  
box-shadow:4px 4px 4px 4px rgb(224, 174,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 20.351, 359.688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 174, 188) }
```

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

```
.background{ background-color: rgb(224,  
174, 188) }
```

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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