

Converting Colors

CIELCh(76, 29.056, 21.032)

Have a look what the booklet for
CIELCh(76, 29.056, 21.032) contains.

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Color

CIELCh(76, 29.332, 20.985)

Conversions

Conversions Part 1

Format	Color
Hex	F2A8A9
RGB	242, 168, 169
RGB Percent	95%, 66%, 66%
CMY	0.0500, 0.3402, 0.3363
CMYK	0.00, 0.31, 0.30, 0.05
HSL	359°, 74%, 80%
HSV	359°, 31%, 95%
XYZ	57.9344, 49.8872, 44.2260
YIQ	190.2400, 43.7830, 15.9990

Conversions

Conversions Part 2

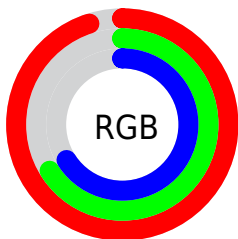
Format	Color
R _Y B	242, 168, 169
Decimal	15902889
CIE Lab	76.00, 27.39, 10.50
CIE LCh	76, 29.332, 20.985
Yxy	49.8872, 0.3810, 0.3281
Android (android.graphics.Color)	4294092969 (0xFFFF2A8A9)
YUV	190.2400, -10.4713, 45.3935
Hunter-Lab	70.6309, 22.8089, 12.3168

Details

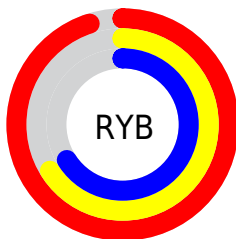
The CIELCh color **76, 29.332, 20.985** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **91, 23.874, 196.637**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 11.354, 20.158**, and **56, 29.343, 20.709** is the 20% darker color. If you saturate the color by 10%, you get **70, 40.286, 22.464**, and if you desaturate by 10%, it is **82, 19.008, 19.850**.

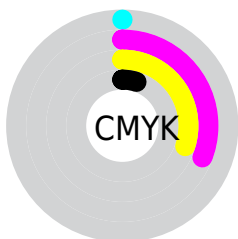
Distribution



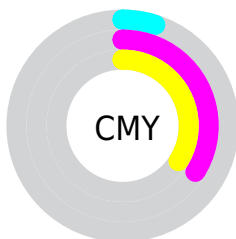
- Red (95%)
- Green (66%)
- Blue (66%)



- Red (95%)
- Yellow (66%)
- Blue (66%)



- Cyan (0%)
- Magenta (31%)
- Yellow (30%)
- Black (5%)



- Cyan (5%)
- Magenta (34%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 29.332, 20.985 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, 29.332, 20.985 by changing the saturation by 10% instead.

76, 29.332, 20.985

76, 29.332, 20.985

100, 29.332,
20.985

66, 29.332, 20.985

96, 29.332, 20.985

56, 29.332, 20.985

46, 29.332, 20.985

36, 29.332, 20.985

26, 29.332, 20.985

16, 29.332, 20.985

6, 29.332, 20.985

0, 29.332, 20.985

76, 29.332, 20.985

76, 29.332, 20.985

70, 40.286, 22.464

82, 19.008, 19.850

65, 51.715, 24.383

89, 9.389, 18.943

60, 63.340, 26.863

95, 0.474, 16.987

56, 74.776, 29.976

99, 4.396, 199.277

53, 85.498, 33.620

51, 94.537, 37.243

51, 100.046,
39.605

Harmonies

Complementary

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



76, 29.332, 20.985



91, 23.874, 196.637

Rectangle

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



76, 29.332, 20.985



76, 29.332, 70.985



76, 29.332, 200.985



76, 29.332, 250.985

Sweetspot

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



76, 29.330, 20.990



94, 8.298, 18.816



78, 46.573, 325.628



49, 5.799, 18.937



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, 29.330, 20.990



76, 37.884, 21.911



84, 24.349, 69.846



48, 5.079, 18.854



39, 81.932, 39.453



8, 30.937, 24.473

Inverse Universe

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



76, 29.330, 20.990



76, 37.884, 21.911



81, 22.155, 258.409



48, 5.079, 18.854



39, 81.932, 39.453



8, 30.937, 24.473

Previews

White Background



This preview shows how the CIELCh color 76, 29.332, 20.985 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, 29.332, 20.985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

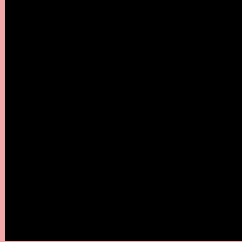
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 29.332, 20.985

Background



This preview shows how black text looks on a background with the CIELCh color 76, 29.332, 20.985.

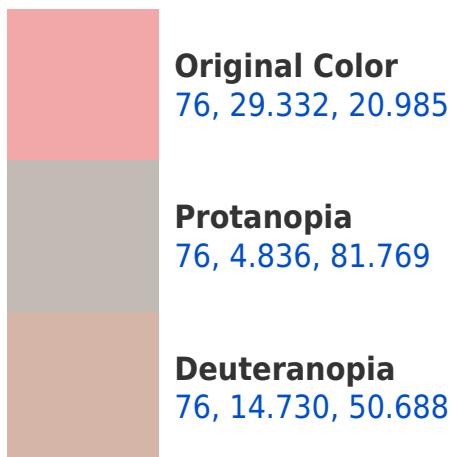


This preview shows how white text looks on a background with the CIELCh color 76, 29.332, 20.985.

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](#).

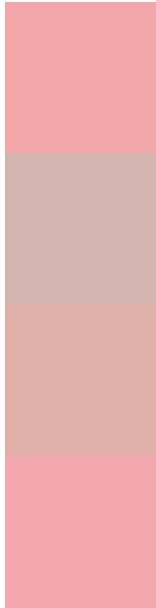
Dichromacy





Tritanopia
76, 30.072, 10.013

Trichromacy



Original Color
76, 29.332, 20.985

Protanomaly
76, 12.310, 32.841

Deuteranomaly
76, 19.525, 33.487

Tritanomaly
76, 29.969, 14.050

Monochromacy



Original Color
76, 29.332, 20.985

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 10.292, 20.208

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 29.332, 20.985 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(242, 168, 169)` looks like.

```
.text, #text, p{  
    color:rgb(242, 168, 169)  
}
```

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(242, 168, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 168, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 29.332, 20.985 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(242, 168, 169) }
```

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

```
.border{ border-color:rgb(242, 168, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 168, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 168, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 168, 169);  
box-shadow:4px 4px 4px 4px rgb(242, 168,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 29.332, 20.985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 168, 169) }
```

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

```
.background{ background-color: rgb(242,  
168, 169) }
```

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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