

Converting Colors

CIELCh(76, 36.662, 20.993)

Have a look what the booklet for
CIELCh(76, 36.662, 20.993) contains.

CIELCh(76, 36.359, 21.091)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(76, 36.359, 21.091)

Conversions

Conversions Part 1

Format	Color
Hex	FEA3A5
RGB	254, 163, 165
RGB Percent	100%, 64%, 65%
CMY	0.0046, 0.3614, 0.3535
CMYK	0.00, 0.36, 0.35, 0.00
HSL	359°, 97%, 82%
HSV	359°, 36%, 100%
XYZ	60.6558, 49.8872, 41.9555
YIQ	190.4370, 53.5940, 19.9140

Conversions

Conversions Part 2

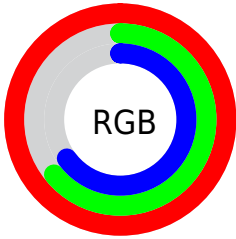
Format	Color
RYP	254, 163, 165
Decimal	16688037
CIELab	76.00, 33.92, 13.08
CIElCh	76, 36.359, 21.091
Yxy	49.8872, 0.3977, 0.3271
Android (android.graphics.Color)	4294878117 (0xFFFEA3A5)
YUV	190.4370, -12.5404, 55.7448
Hunter-Lab	70.6309, 29.6866, 14.2227

Details

The CIELCh color **76, 36.359, 21.091** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 28.520, 195.562**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 13.275, 18.104**, and **56, 36.395, 21.281** is the 20% darker color. If you saturate the color by 10%, you get **70, 47.972, 22.817**, and if you desaturate by 10%, it is **82, 25.304, 19.766**.

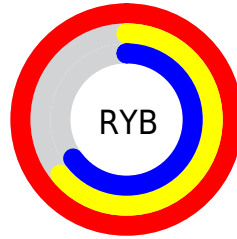
Distribution



Red (100%)

Green (64%)

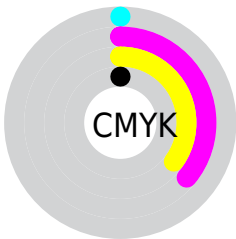
Blue (65%)



Red (100%)

Yellow (64%)

Blue (65%)

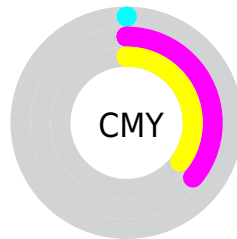


Cyan (0%)

Magenta (36%)

Yellow (35%)

Black (0%)



Cyan (0%)

Magenta (36%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 36.359, 21.091 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, 36.359, 21.091 by changing the saturation by 10% instead.

76, 36.359, 21.091

76, 36.359, 21.091

100, 36.359,
21.091

66, 36.359, 21.091

96, 36.359, 21.091

56, 36.359, 21.091

46, 36.359, 21.091

36, 36.359, 21.091

26, 36.359, 21.091

16, 36.359, 21.091

6, 36.359, 21.091

0, 36.359, 21.091

76, 36.359, 21.091

76, 36.359, 21.091

70, 47.972, 22.817

82, 25.304, 19.766

65, 59.915, 25.052

89, 14.940, 18.726

60, 71.835, 27.906

96, 5.302, 17.847

57, 83.277, 31.391

100, 0.408,
201.004

55, 93.570, 35.230

53, 101.272,
38.535

53, 103.347,
39.394

Harmonies

Complementary

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



76, 36.359, 21.091



94, 28.520, 195.562

Rectangle

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



76, 36.359, 21.091



76, 36.359, 71.091



76, 36.359, 201.091



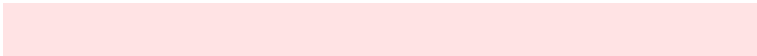
76, 36.359, 251.091

Sweetspot

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



76, 36.356, 21.095



92, 10.221, 18.295



78, 56.309, 325.415



48, 6.904, 18.413



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, 36.356, 21.095



72, 44.793, 22.283



86, 29.908, 67.437



49, 5.252, 18.167



40, 83.248, 39.142



10, 33.186, 26.301

Inverse Universe

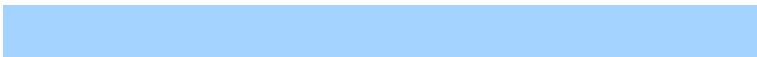
The Inverse Universe completely reimagines the original color for something new.



76, 36.356, 21.095



72, 44.793, 22.283



83, 26.412, 257.608



49, 5.252, 18.167



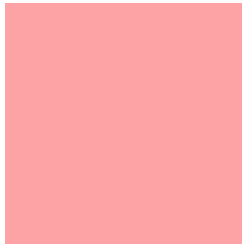
40, 83.248, 39.142



10, 33.186, 26.301

Previews

White Background



This preview shows how the CIELCh color 76, 36.359, 21.091 looks on a white background.

Color Contrast Check

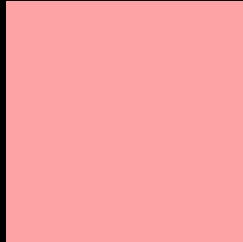
Large Text (above 18pt) WCAG AA × Fail

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 76, 36.359, 21.091 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, 36.359, 21.091

Background



This preview shows how black text looks on a background with the CIELCh color 76, 36.359, 21.091.



This preview shows how white text looks on a background with the CIELCh color 76, 36.359, 21.091.

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

76, 36.359, 21.091

Protanopia

76, 5.491, 80.783

Deuteranopia

76, 17.039, 56.671



Tritanopia
76, 37.292, 12.418

Trichromacy



Original Color
76, 36.359, 21.091



Protanomaly
76, 15.079, 30.753



Deuteranomaly
76, 22.901, 35.911



Tritanomaly
76, 36.875, 15.523

Monochromacy



Original Color
76, 36.359, 21.091



Achromatopsia
77, 0.009, 296.813



Achromatomaly
76, 12.647, 18.015

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 36.359, 21.091 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(254, 163, 165)` looks like.

```
.text, #text, p{  
    color:rgb(254, 163, 165)  
}
```

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(254, 163, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 163, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 36.359, 21.091 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(254, 163, 165) }
```

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

```
.border{ border-color:rgb(254, 163, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 163, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 163, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 163, 165);  
box-shadow:4px 4px 4px 4px rgb(254, 163,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 36.359, 21.091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 163, 165) }
```

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

```
.background{ background-color: rgb(254,  
163, 165) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor