

Converting Colors

CIELCh(72, 34.602, 22.353)

Have a look what the booklet for
CIELCh(72, 34.602, 22.353) contains.

CIELCh(72, 34.465, 22.678)	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(72, 34.465, 22.678)

Conversions

Conversions Part 1

Format	Color
Hex	EF9A9A
RGB	239, 154, 154
RGB Percent	94%, 60%, 60%
CMY	0.0638, 0.3970, 0.3970
CMYK	0.00, 0.36, 0.36, 0.06
HSL	0°, 72%, 77%
HSV	0°, 36%, 94%
XYZ	52.8329, 43.6590, 36.1092
YIQ	179.4150, 50.6600, 18.0200

Conversions

Conversions Part 2

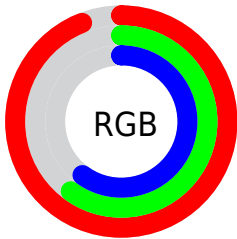
Format	Color
R _Y B	239, 154, 154
Decimal	15702682
CIE Lab	72.00, 31.80, 13.29
CIE LCh	72, 34.465, 22.678
Yxy	43.6590, 0.3984, 0.3293
Android (android.graphics.Color)	4293892762 (0xFFEF9A9A)
YUV	179.4150, -12.5296, 52.2560
Hunter-Lab	66.0750, 27.0957, 13.8512

Details

The CIELCh color **72, 34.465, 22.678** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **89, 26.831, 197.680**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 17.288, 22.374**, and **52, 34.472, 22.917** is the 20% darker color. If you saturate the color by 10%, you get **66, 45.636, 24.332**, and if you desaturate by 10%, it is **78, 23.879, 21.421**.

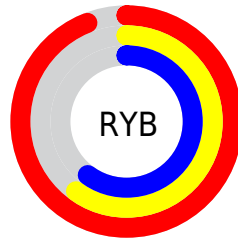
Distribution



Red (94%)

Green (60%)

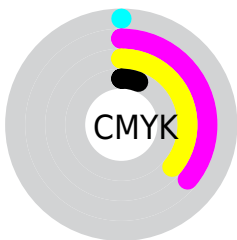
Blue (60%)



Red (94%)

Yellow (60%)

Blue (60%)

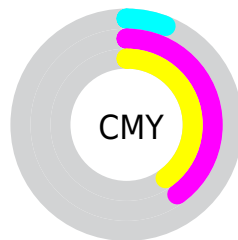


Cyan (0%)

Magenta (36%)

Yellow (36%)

Black (6%)



Cyan (6%)

Magenta (40%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 34.465, 22.678 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, 34.465, 22.678 by changing the saturation by 10% instead.

 72, 34.465, 22.678

 72, 34.465, 22.678

 100, 34.465,
22.678

 62, 34.465, 22.678

 92, 34.465, 22.678

 52, 34.465, 22.678

 42, 34.465, 22.678

 32, 34.465, 22.678

 22, 34.465, 22.678

 12, 34.465, 22.678

 2, 34.465, 22.678

 0, 34.465, 22.678

 72, 34.465, 22.678

 72, 34.465, 22.678

66, 45.636, 24.332

78, 23.879, 21.421

61, 57.187, 26.483

84, 13.991, 20.444

57, 68.789, 29.234

91, 4.823, 19.620

54, 79.981, 32.573

97, 3.651, 199.349

51, 90.013, 36.175

99, 5.593, 199.169

50, 97.231, 39.064

50, 99.484, 40.000

Harmonies

Complementary

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



72, 34.465, 22.678



89, 26.831, 197.680

Rectangle

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



72, 34.465, 22.678



72, 34.465, 72.678



72, 34.465, 202.678



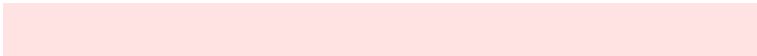
72, 34.465, 252.678

Sweetspot

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



72, 34.463, 22.682



92, 10.226, 20.065



75, 53.654, 326.366



48, 6.908, 20.175



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, 34.463, 22.682



72, 45.059, 23.888



82, 28.578, 70.955



47, 4.993, 19.940



38, 81.703, 39.995



8, 29.836, 23.807

Inverse Universe

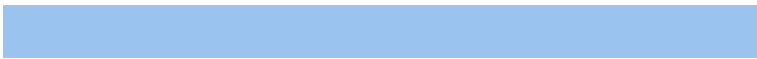
The Inverse Universe completely reimagines the original color for something new.



89, 26.831, 197.680



94, 33.002, 197.390



78, 25.830, 261.361



49, 4.701, 198.968



68, 39.156, 196.388



21, 17.093, 196.388

Previews

White Background



This preview shows how the CIELCh color 72, 34.465, 22.678 looks on a white background.

Color Contrast Check

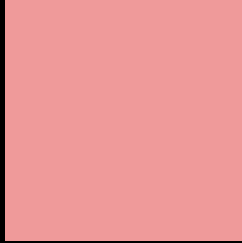
Large Text (above 18pt) WCAG AA × Fail

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, 34.465, 22.678 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, 34.465, 22.678

Background



This preview shows how black text looks on a background with the CIELCh color 72, 34.465, 22.678.

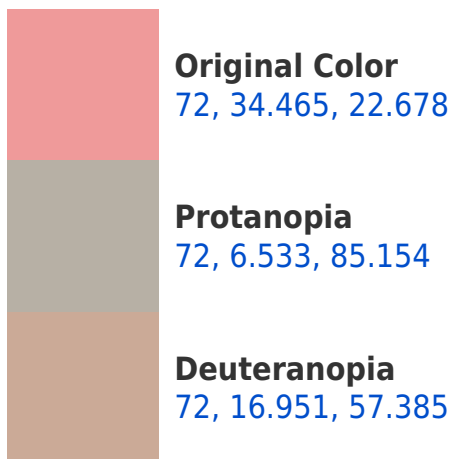


This preview shows how white text looks on a background with the CIELCh color 72, 34.465, 22.678.

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](#).

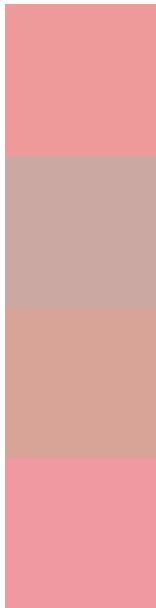
Dichromacy





Tritanopia
72, 35.287, 12.512

Trichromacy



Original Color
72, 34.465, 22.678

Protanomaly
72, 14.395, 35.710

Deuteranomaly
72, 22.215, 37.969

Tritanomaly
72, 34.898, 16.712

Monochromacy



Original Color
72, 34.465, 22.678

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 12.019, 20.414

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 34.465, 22.678 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(239, 154, 154)` looks like.

```
.text, #text, p{  
    color:rgb(239, 154, 154)  
}
```

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(239, 154, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 154, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 34.465, 22.678 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(239, 154, 154) }
```

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

```
.border{ border-color:rgb(239, 154, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 154, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 154, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 154, 154);  
box-shadow:4px 4px 4px 4px rgb(239, 154,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 34.465, 22.678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 154, 154) }
```

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

```
.background{ background-color: rgb(239,  
154, 154) }
```

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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