

Converting Colors

CIELCh(72, 35.749, 25.312)

Have a look what the booklet for
CIELCh(72, 35.749, 25.312) contains.

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Color

CIELCh(72, 35.653, 25.315)

Conversions

Conversions Part 1

Format	Color
Hex	F09996
RGB	240, 153, 150
RGB Percent	94%, 60%, 59%
CMY	0.0577, 0.3989, 0.4107
CMYK	0.00, 0.36, 0.37, 0.06
HSL	2°, 75%, 77%
HSV	2°, 37%, 94%
XYZ	52.9985, 43.6590, 34.5994
YIQ	178.6710, 52.8150, 17.5110

Conversions

Conversions Part 2

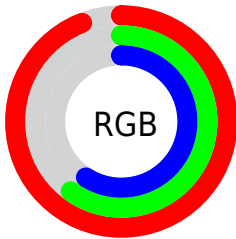
Format	Color
R _Y B	240, 153, 150
Decimal	15767958
CIE Lab	72.00, 32.23, 15.25
CIE LCh	72, 35.653, 25.315
Yxy	43.6590, 0.4038, 0.3326
Android (android.graphics.Color)	4293958038 (0xFFFF09996)
YUV	178.6710, -14.1348, 53.7855
Hunter-Lab	66.0750, 27.5429, 15.2060

Details

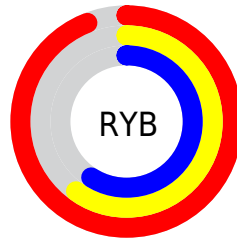
The CIELCh color **72, 35.653, 25.315** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **89, 27.189, 201.007**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 17.914, 27.308**, and **52, 35.807, 25.766** is the 20% darker color. If you saturate the color by 10%, you get **67, 46.763, 26.846**, and if you desaturate by 10%, it is **78, 25.157, 24.162**.

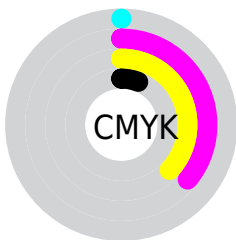
Distribution



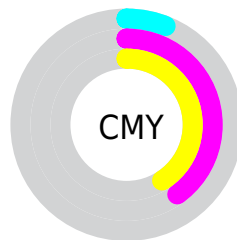
- Red (94%)
- Green (60%)
- Blue (59%)



- Red (94%)
- Yellow (60%)
- Blue (59%)



- Cyan (0%)
- Magenta (36%)
- Yellow (37%)
- Black (6%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 35.653, 25.315 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, 35.653, 25.315 by changing the saturation by 10% instead.

72, 35.653, 25.315

72, 35.653, 25.315

100, 35.653,
25.315

62, 35.653, 25.315

92, 35.653, 25.315

52, 35.653, 25.315

42, 35.653, 25.315

32, 35.653, 25.315

22, 35.653, 25.315

12, 35.653, 25.315

2, 35.653, 25.315

0, 35.653, 25.315

72, 35.653, 25.315

72, 35.653, 25.315

67, 46.763, 26.846

78, 25.157, 24.162

62, 58.304, 28.838

84, 15.371, 23.281

57, 69.965, 31.366

90, 6.310, 22.572

54, 81.266, 34.378

97, 2.054, 202.493

52, 91.314, 37.485

99, 5.061, 199.215

51, 98.241, 39.720

50, 99.566, 40.253

Harmonies

Complementary

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



72, 35.653, 25.315



89, 27.189, 201.007

Rectangle

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



72, 35.653, 25.315



72, 35.653, 75.315



72, 35.653, 205.315



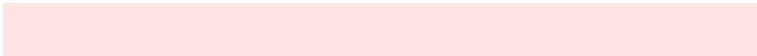
72, 35.653, 255.315

Sweetspot

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



72, 35.651, 25.319



93, 9.896, 22.816



74, 55.429, 327.413



48, 6.686, 22.910



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, 35.651, 25.319



72, 46.163, 26.453



83, 30.843, 74.075



47, 4.831, 22.710



38, 81.238, 40.353



8, 29.105, 25.611

Inverse Universe

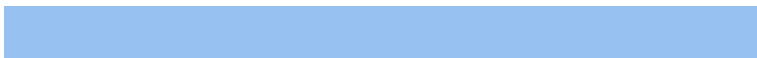
The Inverse Universe completely reimagines the original color for something new.



89, 27.189, 201.007



93, 32.996, 200.870



76, 28.340, 265.381



49, 4.545, 201.961



66, 37.398, 201.794



20, 16.425, 201.010

Previews

White Background



This preview shows how the CIELCh color 72, 35.653, 25.315 looks on a white background.

Color Contrast Check

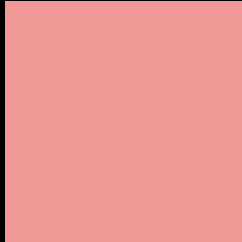
Large Text (above 18pt) WCAG AA × Fail

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, 35.653, 25.315 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, 35.653, 25.315

Background



This preview shows how black text looks on a background with the CIELCh color 72, 35.653, 25.315.



This preview shows how white text looks on a background with the CIELCh color 72, 35.653, 25.315.

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

72, 35.653, 25.315

Protanopia

72, 8.189, 87.105

Deuteranopia

72, 18.770, 61.473



Tritanopia
72, 36.115, 12.860

Trichromacy



Original Color
72, 35.653, 25.315

Protanomaly
72, 15.393, 41.005

Deuteranomaly
72, 23.550, 42.470

Tritanomaly
72, 35.786, 17.816

Monochromacy



Original Color
72, 35.653, 25.315

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 12.060, 22.969

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 35.653, 25.315 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, 150)` looks like.

```
.text, #text, p{  
    color:rgb(240, 153, 150)  
}
```

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, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 153, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 35.653, 25.315 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, 150) }
```

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

```
.border{ border-color:rgb(240, 153, 150) }
```

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, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 153, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 153, 150);  
box-shadow:4px 4px 4px 4px rgb(240, 153,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 35.653, 25.315 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, 150) }
```

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

```
.background{ background-color: rgb(240,  
153, 150) }
```

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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