

Converting Colors

CIELCh(72, 40.404, 23.385)

Have a look what the booklet for
CIELCh(72, 40.404, 23.385) contains.

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Color

CIELCh(72, 40.478, 23.354)

Conversions

Conversions Part 1

Format	Color
Hex	F89595
RGB	248, 149, 149
RGB Percent	97%, 58%, 58%
CMY	0.0272, 0.4154, 0.4154
CMYK	0.00, 0.40, 0.40, 0.03
HSL	0°, 88%, 78%
HSV	0°, 40%, 97%
XYZ	54.9270, 43.6590, 33.9939
YIQ	178.6010, 59.0040, 20.9880

Conversions

Conversions Part 2

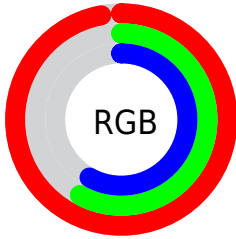
Format	Color
R _Y B	248, 149, 149
Decimal	16291221
CIE Lab	72.00, 37.16, 16.05
CIE LCh	72, 40.478, 23.354
Yxy	43.6590, 0.4143, 0.3293
Android (android.graphics.Color)	4294481301 (0xFFFF89595)
YUV	178.6010, -14.5933, 60.8629
Hunter-Lab	66.0750, 32.7529, 15.7493

Details

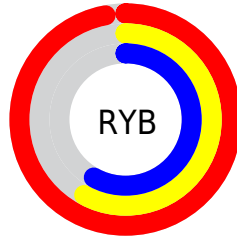
The CIELCh color **72, 40.478, 23.354** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **92, 30.418, 197.513**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 19.316, 22.382**, and **52, 40.812, 23.355** is the 20% darker color. If you saturate the color by 10%, you get **66, 52.208, 25.218**, and if you desaturate by 10%, it is **78, 29.271, 21.937**.

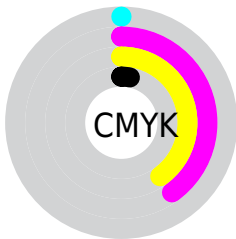
Distribution



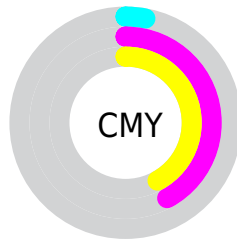
- Red (97%)
- Green (58%)
- Blue (58%)



- Red (97%)
- Yellow (58%)
- Blue (58%)



- Cyan (0%)
- Magenta (40%)
- Yellow (40%)
- Black (3%)



- Cyan (3%)
- Magenta (42%)
- Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 40.478, 23.354 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, 40.478, 23.354 by changing the saturation by 10% instead.

 72, 40.478, 23.354

 72, 40.478, 23.354

 100, 40.478,
23.354

 62, 40.478, 23.354

 92, 40.478, 23.354

 52, 40.478, 23.354

 42, 40.478, 23.354

 32, 40.478, 23.354

 22, 40.478, 23.354

 12, 40.478, 23.354

 2, 40.478, 23.354

 0, 40.478, 23.354

 72, 40.478, 23.354

 72, 40.478, 23.354

66, 52.208, 25.218

78, 29.271, 21.937

62, 64.197, 27.631

84, 18.750, 20.845

58, 76.046, 30.663

91, 8.970, 19.980

55, 87.188, 34.198

98, 0.077, 207.850

53, 96.528, 37.653

99, 2.399, 199.529

52, 102.368,
39.981

52, 102.416,
40.001

Harmonies

Complementary

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



72, 40.478, 23.354



92, 30.418, 197.513

Rectangle

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



72, 40.478, 23.354



72, 40.478, 73.354



72, 40.478, 203.354



72, 40.478, 253.354

Sweetspot

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



72, 40.475, 23.358



92, 11.199, 20.150



75, 61.764, 326.587



48, 7.467, 20.258



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, 40.475, 23.358



69, 51.074, 24.838



83, 33.406, 70.394



49, 5.167, 19.947



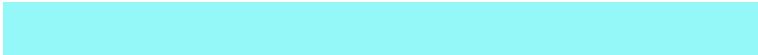
39, 83.391, 40.001



9, 32.194, 26.143

Inverse Universe

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



92, 30.418, 197.513



93, 35.884, 197.223



78, 29.775, 262.382



51, 4.864, 198.970



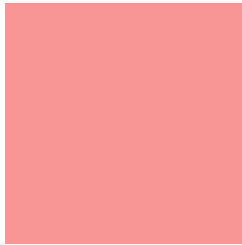
69, 39.959, 196.397



23, 18.080, 196.396

Previews

White Background



This preview shows how the CIELCh color 72, 40.478, 23.354 looks on a white background.

Color Contrast Check

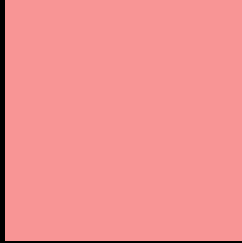
Large Text (above 18pt) WCAG AA × Fail

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 72, 40.478, 23.354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

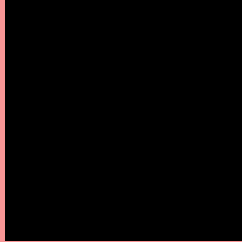
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 40.478, 23.354

Background



This preview shows how black text looks on a background with the CIELCh color 72, 40.478, 23.354.



This preview shows how white text looks on a background with the CIELCh color 72, 40.478, 23.354.

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, 40.478, 23.354

Protanopia

72, 7.539, 88.385

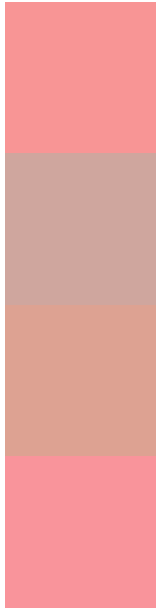
Deuteranopia

72, 19.869, 62.803



Tritanopia
72, 40.610, 15.302

Trichromacy



Original Color
72, 40.478, 23.354

Protanomaly
72, 16.985, 35.432

Deuteranomaly
72, 25.997, 40.601

Tritanomaly
72, 40.773, 18.303

Monochromacy



Original Color
72, 40.478, 23.354

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 14.042, 20.610

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 40.478, 23.354 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(248, 149, 149)` looks like.

```
.text, #text, p{  
    color:rgb(248, 149, 149)  
}
```

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(248, 149, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 149, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 40.478, 23.354 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(248, 149, 149) }
```

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

```
.border{ border-color:rgb(248, 149, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 149, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 149, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 149, 149);  
box-shadow:4px 4px 4px 4px rgb(248, 149,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 40.478, 23.354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 149, 149) }
```

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

```
.background{ background-color: rgb(248,  
149, 149) }
```

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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