

Converting Colors

CIELCh(64, 53.506, 2.156)

Have a look what the booklet for
CIELCh(64, 53.506, 2.156) contains.

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Color

CIELCh(64, 53.264, 1.936)

Conversions

Conversions Part 1

Format	Color
Hex	F1719A
RGB	241, 113, 154
RGB Percent	95%, 44%, 60%
CMY	0.0553, 0.5572, 0.3964
CMYK	0.00, 0.53, 0.36, 0.06
HSL	341°, 82%, 69%
HSV	341°, 53%, 94%
XYZ	47.9599, 32.8017, 34.3358
YIQ	155.9460, 63.1270, 39.8870

Conversions

Conversions Part 2

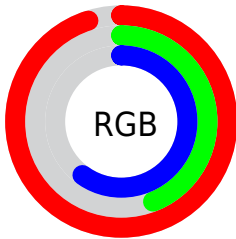
Format	Color
RYB	241, 113, 154
Decimal	15823258
CIELab	64.00, 53.23, 1.80
CIElCh	64, 53.264, 1.936
Yxy	32.8017, 0.4167, 0.2850
Android (android.graphics.Color)	4294013338 (0xFFFF1719A)
YUV	155.9460, -0.9594, 74.5924
Hunter-Lab	57.2727, 49.2475, 4.5458

Details

The CIELCh color **64, 53.264, 1.936** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **87, 46.025, 168.629**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 38.112, 349.343**, and **44, 53.122, 1.934** is the 20% darker color. If you saturate the color by 10%, you get **60, 62.385, 4.422**, and if you desaturate by 10%, it is **69, 43.341, 359.952**.

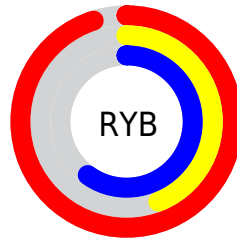
Distribution



Red (95%)

Green (44%)

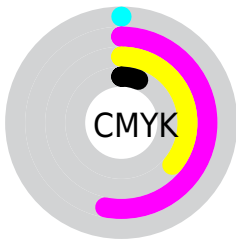
Blue (60%)



Red (95%)

Yellow (44%)

Blue (60%)

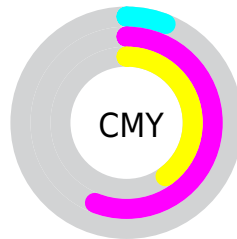


Cyan (0%)

Magenta (53%)

Yellow (36%)

Black (6%)



Cyan (6%)


Magenta (56%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 53.264, 1.936 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 64, 53.264, 1.936 by changing the saturation by 10% instead.

 64, 53.264, 1.936  64, 53.264, 1.936

 100, 53.264, 1.936  54, 53.264, 1.936

 84, 53.264, 1.936  44, 53.264, 1.936

 94, 53.264, 1.936  34, 53.264, 1.936

 24, 53.264, 1.936

 14, 53.264, 1.936

 4, 53.264, 1.936

 0, 53.264, 1.936

 64, 53.264, 1.936  64, 53.264, 1.936

 60, 62.385, 4.422  69, 43.341,

■ 56, 70.234, 7.572 359.952

■ 53, 76.452, 11.565 ■ 75, 33.070,
358.330

■ 52, 81.036, 16.507

■ 81, 22.786,
356.974

■ 51, 83.638, 20.296

■ 87, 12.711,
355.807

■ 93, 2.972, 354.672

■ 99, 5.113, 182.704

■ 99, 4.858, 199.234

Harmonies

Complementary

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



64, 53.264, 1.936



87, 46.025, 168.629

Rectangle

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



64, 53.264, 1.936



64, 53.264, 51.936



64, 53.264, 181.936



64, 53.264, 231.936

Sweetspot

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



64, 53.261, 1.938



89, 16.311, 356.133



62, 74.851, 316.895



46, 11.053, 356.370



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



64, 53.261, 1.938



62, 66.078, 4.723



67, 48.583, 37.338



47, 5.441, 355.411



39, 67.878, 19.225



8, 28.761, 9.035

Inverse Universe

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



64, 53.261, 1.938



62, 66.078, 4.723



82, 31.967, 218.426



47, 5.441, 355.411



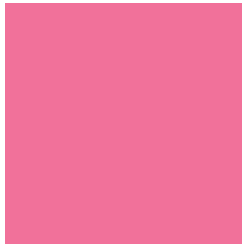
39, 67.878, 19.225



8, 28.761, 9.035

Previews

White Background



This preview shows how the CIELCh color 64, 53.264, 1.936 looks on a white background.

Color Contrast Check

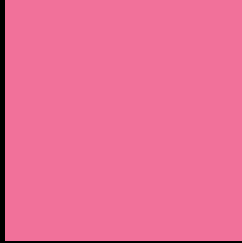
Large Text (above 18pt) WCAG AA × Fail

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 64, 53.264, 1.936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

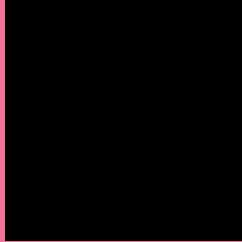
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 53.264, 1.936

Background



This preview shows how black text looks on a background with the CIELCh color 64, 53.264, 1.936.



This preview shows how white text looks on a background with the CIELCh color 64, 53.264, 1.936.

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

64, 53.264, 1.936

Protanopia

64, 13.965, 287.270

Deuteranopia

64, 9.202, 27.112



Tritanopia
64, 50.452, 20.556

Trichromacy



Original Color
64, 53.264, 1.936

Protanomaly
63, 24.217, 336.475

Deuteranomaly
63, 25.276, 5.708

Tritanomaly
64, 50.969, 13.633

Monochromacy



Original Color
64, 53.264, 1.936

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 20.197, 357.260

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 53.264, 1.936 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(241, 113, 154)` looks like.

```
.text, #text, p{  
    color:rgb(241, 113, 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(241, 113, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 113, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 53.264, 1.936 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(241, 113, 154) }
```

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

```
.border{ border-color:rgb(241, 113, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 113, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 113, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 113, 154); box-shadow:4px 4px 4px 4px rgb(241, 113, 154) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 53.264, 1.936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 113, 154) }
```

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

```
.background{ background-color: rgb(241,  
113, 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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