

Converting Colors

CIELCh(64, 87.962, 25.728)

Have a look what the booklet for
CIELCh(64, 87.962, 25.728) contains.

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Color

CIELCh(58, 76.441, 23.202)

Conversions

Conversions Part 1

Format	Color
Hex	FE445B
RGB	254, 68, 91
RGB Percent	100%, 27%, 36%
CMY	0.0039, 0.7334, 0.6421
CMYK	0.00, 0.73, 0.64, 0.00
HSL	352°, 99%, 63%
HSV	352°, 73%, 100%
XYZ	44.8361, 25.9610, 12.6034
YIQ	126.2360, 103.4730, 46.5850

Conversions

Conversions Part 2

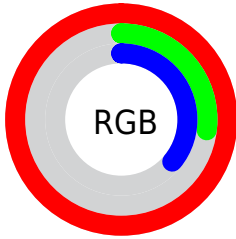
Format	Color
R_{YB}	254, 68, 91
Decimal	16663643
CIE Lab	58.00, 70.26, 30.12
CIE LCh	58, 76.441, 23.202
Yxy	25.9610, 0.5376, 0.3113
Android (android.graphics.Color)	4294853723 (0xFFFE445B)
YUV	126.2360, -17.3713, 112.0490
Hunter-Lab	50.9519, 67.9084, 21.0004

Details

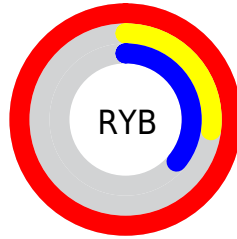
The CIELCh color **58, 76.441, 23.202** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed red. A complement of this color would be **91, 50.545, 182.351**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 51.472, 18.149**, and **40, 72.599, 26.250** is the 20% darker color. If you saturate the color by 10%, you get **55, 85.711, 27.533**, and if you desaturate by 10%, it is **62, 66.195, 19.637**.

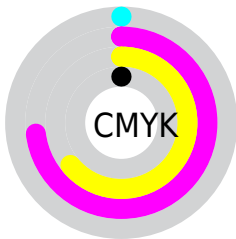
Distribution



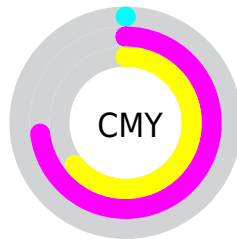
- Red (100%)
- Green (27%)
- Blue (36%)



- Red (100%)
- Yellow (27%)
- Blue (36%)



- Cyan (0%)
- Magenta (73%)
- Yellow (64%)
- Black (0%)



- Cyan (0%)
- Magenta (73%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 76.441, 23.202 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 58, 76.441, 23.202 by changing the saturation by 10% instead.

 58, 76.441, 23.202

 58, 76.441, 23.202

 100, 76.441,
23.202

 48, 76.441, 23.202

 78, 76.441, 23.202

 38, 76.441, 23.202

 88, 76.441, 23.202

 28, 76.441, 23.202

 98, 76.441, 23.202

 18, 76.441, 23.202

 8, 76.441, 23.202

 0, 76.441, 23.202

 58, 76.441, 23.202

 58, 76.441, 23.202

 55, 85.711, 27.533

 62, 66.195, 19.637

 54, 93.761, 32.355

 67, 55.317, 16.807

53, 98.397, 35.430

72, 44.201, 14.587

78, 33.203, 12.835

84, 22.578, 11.432

91, 12.474, 10.278

97, 2.953, 9.179

100, 0.349,
201.280

Harmonies

Complementary

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



58, 76.441, 23.202



91, 50.545, 182.351

Rectangle

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



58, 76.441, 23.202



58, 76.441, 73.202



58, 76.441, 203.202



58, 76.441, 253.202

Sweetspot

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



58, 76.437, 23.204



85, 21.373, 11.279



60, 102.968, 323.507



44, 14.475, 11.623



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



58, 76.437, 23.204



55, 90.005, 29.814



69, 67.947, 54.093



50, 5.315, 9.889



40, 78.746, 34.595



10, 32.435, 22.069

Inverse Universe

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



58, 76.437, 23.204



55, 90.005, 29.814



72, 44.432, 255.735



50, 5.315, 9.889



40, 78.746, 34.595



10, 32.435, 22.069

Previews

White Background



This preview shows how the CIELCh color 58, 76.441, 23.202 looks on a white background.

Color Contrast Check

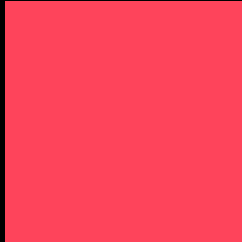
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 76.441, 23.202 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 × Fail

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

CIELCh 58, 76.441, 23.202

Background



This preview shows how black text looks on a background with the CIELCh color 58, 76.441, 23.202.



This preview shows how white text looks on a background with the CIELCh color 58, 76.441, 23.202.

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

58, 76.482, 23.310

Protanopia

58, 10.581, 93.115

Deuteranopia

58, 33.652, 76.679



Tritanopia
58, 78.926, 30.315

Trichromacy



Original Color
58, 76.482, 23.310

Protanomaly
55, 31.290, 26.121

Deuteranomaly
56, 45.135, 40.877

Tritanomaly
58, 77.786, 27.908

Monochromacy



Original Color
58, 76.482, 23.310

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 29.112, 14.252

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 76.441, 23.202 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, 68, 91)` looks like.

```
.text, #text, p{  
    color:rgb(254, 68, 91)  
}
```

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, 68, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 68, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 76.441, 23.202 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, 68, 91) }
```

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

```
.border{ border-color:rgb(254, 68, 91) }
```

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

Here you see how a box with a 4 pixel rgb(254, 68, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 68, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 68, 91);  
box-shadow:4px 4px 4px 4px rgb(254, 68,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 76.441, 23.202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 68, 91) }
```

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

```
.background{ background-color: rgb(254, 68,  
91) }
```

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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