

Converting Colors

CIELCh(55, 76.474, 26.272)

Have a look what the booklet for
CIELCh(55, 76.474, 26.272) contains.

CIELCh(55, 76.428, 26.118)	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(55, 76.428, 26.118)

Conversions

Conversions Part 1

Format	Color
Hex	F33D4E
RGB	243, 61, 78
RGB Percent	95%, 24%, 31%
CMY	0.0472, 0.7609, 0.6942
CMYK	0.00, 0.75, 0.68, 0.05
HSL	354°, 88%, 60%
HSV	354°, 75%, 95%
XYZ	39.9885, 22.9298, 9.5202
YIQ	117.3560, 103.0150, 43.8710

Conversions

Conversions Part 2

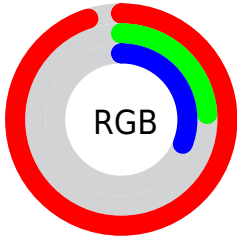
Format	Color
R_{YB}	243, 61, 78
Decimal	15940942
CIE Lab	55.00, 68.62, 33.65
CIE LCh	55, 76.428, 26.118
Yxy	22.9298, 0.5520, 0.3165
Android (android.graphics.Color)	4294131022 (0xFFFF33D4E)
YUV	117.3560, -19.4025, 110.1898
Hunter-Lab	47.8851, 65.2649, 21.7319

Details

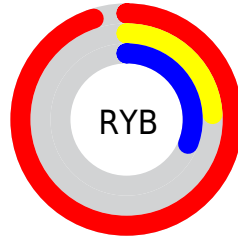
The CIELCh color **55, 76.428, 26.118** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **87, 48.059, 185.575**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **67, 55.422, 23.038**, and **37, 71.641, 30.063** is the 20% darker color. If you saturate the color by 10%, you get **53, 85.675, 30.418**, and if you desaturate by 10%, it is **59, 66.249, 22.487**.

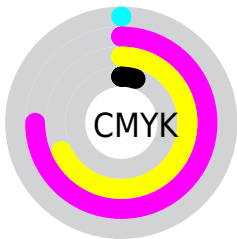
Distribution



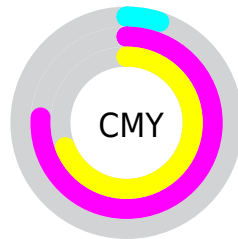
- Red (95%)
- Green (24%)
- Blue (31%)



- Red (95%)
- Yellow (24%)
- Blue (31%)



- Cyan (0%)
- Magenta (75%)
- Yellow (68%)
- Black (5%)



- Cyan (5%)
- Magenta (76%)
- Yellow (69%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 76.428, 26.118 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 55, 76.428, 26.118 by changing the saturation by 10% instead.

 55, 76.428, 26.118

 55, 76.428, 26.118

 100, 76.428,
26.118

 45, 76.428, 26.118

 75, 76.428, 26.118

 35, 76.428, 26.118

 85, 76.428, 26.118

 25, 76.428, 26.118

 95, 76.428, 26.118

 15, 76.428, 26.118

 5, 76.428, 26.118

 0, 76.428, 26.118

 55, 76.428, 26.118

 55, 76.428, 26.118

 53, 85.675, 30.418

 59, 66.249, 22.487

 51, 93.536, 34.935

 63, 55.504, 19.579

51, 96.823, 36.906

68, 44.570, 17.299

74, 33.788, 15.512

80, 23.404, 14.097

86, 13.561, 12.951

93, 4.316, 11.935

99, 4.188, 193.579

99, 4.155, 199.301

Harmonies

Complementary

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



55, 76.428, 26.118



87, 48.059, 185.575

Rectangle

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



55, 76.428, 26.118



55, 76.428, 76.118



55, 76.428, 206.118



55, 76.428, 256.118

Sweetspot

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



55, 76.425, 26.120



85, 21.308, 13.747



58, 100.869, 324.603



43, 14.441, 14.081



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



55, 76.425, 26.120



54, 93.444, 32.850



67, 66.546, 56.775



48, 5.109, 12.404



39, 78.610, 36.199



8, 30.472, 21.233

Inverse Universe

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



55, 76.425, 26.120



54, 93.444, 32.850



67, 45.631, 261.249



48, 5.109, 12.404



39, 78.610, 36.199



8, 30.472, 21.233

Previews

White Background



This preview shows how the CIELCh color 55, 76.428, 26.118 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 55, 76.428, 26.118 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 55, 76.428, 26.118

Background



This preview shows how black text looks on a background with the CIELCh color 55, 76.428, 26.118.

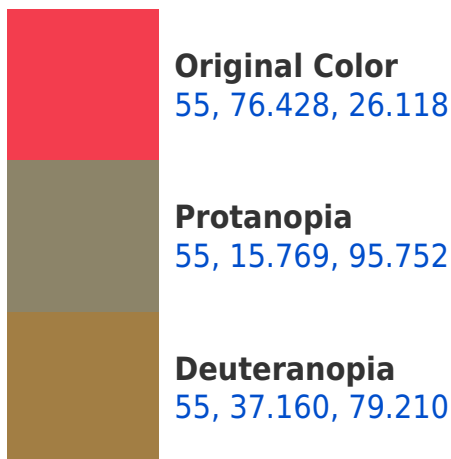


This preview shows how white text looks on a background with the CIELCh color 55, 76.428, 26.118.

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
55, 78.583, 31.316

Trichromacy



Original Color
55, 76.428, 26.118

Protanomaly
52, 32.720, 34.011

Deuteranomaly
53, 46.368, 44.785

Tritanomaly
55, 77.586, 29.303

Monochromacy



Original Color
55, 76.428, 26.118

Achromatopsia
49, 0.007, 296.813

Achromatomaly
49, 28.680, 16.459

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 76.428, 26.118 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(243, 61, 78)` looks like.

```
.text, #text, p{  
    color:rgb(243, 61, 78)  
}
```

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(243, 61, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 61, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 76.428, 26.118 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(243, 61, 78) }
```

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

```
.border{ border-color:rgb(243, 61, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 61, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 61, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 61, 78);  
box-shadow:4px 4px 4px 4px rgb(243, 61,  
78) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 76.428, 26.118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 61, 78) }
```

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

```
.background{ background-color: rgb(243, 61,  
78) }
```

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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