

Converting Colors

CIELCh(57, 79.357, 41.661)

Have a look what the booklet for
CIELCh(57, 79.357, 41.661) contains.

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Color

CIELCh(57, 79.456, 41.697)

Conversions

Conversions Part 1

Format	Color
Hex	F1522E
RGB	241, 82, 46
RGB Percent	95%, 32%, 18%
CMY	0.0550, 0.6785, 0.8197
CMYK	0.00, 0.66, 0.81, 0.06
HSL	11°, 87%, 56%
HSV	11°, 81%, 94%
XYZ	39.7725, 24.9227, 5.2965
YIQ	125.4370, 106.3200, 22.5120

Conversions

Conversions Part 2

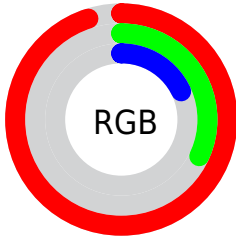
Format	Color
R _Y B	241, 90, 46
Decimal	15815214
CIE Lab	57.00, 59.33, 52.85
CIE LCh	57, 79.456, 41.697
Yxy	24.9227, 0.5682, 0.3561
Android (android.graphics.Color)	4294005294 (0xFFFF1522E)
YUV	125.4370, -39.1624, 101.3488
Hunter-Lab	49.9226, 54.8435, 28.6554

Details

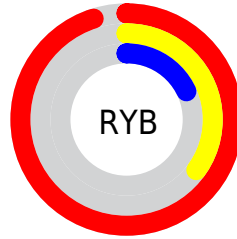
The CIELCh color **57, 79.456, 41.697** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **76, 39.876, 226.621**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 58.890, 46.200**, and **37, 78.535, 40.745** is the 20% darker color. If you saturate the color by 10%, you get **54, 89.491, 42.561**, and if you desaturate by 10%, it is **60, 68.138, 40.521**.

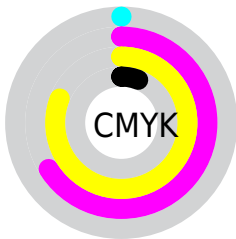
Distribution



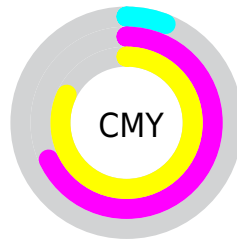
- Red (95%)
- Green (32%)
- Blue (18%)



- Red (95%)
- Yellow (35%)
- Blue (18%)



- Cyan (0%)
- Magenta (66%)
- Yellow (81%)
- Black (6%)



- Cyan (6%)
- Magenta (68%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 79.456, 41.697 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 57, 79.456, 41.697 by changing the saturation by 10% instead.

57, 79.456, 41.697

57, 79.456, 41.697

100, 79.456,
41.697

47, 79.456, 41.697

77, 79.456, 41.697

37, 79.456, 41.697

87, 79.456, 41.697

27, 79.456, 41.697

97, 79.456, 41.697

17, 79.456, 41.697

7, 79.456, 41.697

0, 79.456, 41.697

57, 79.456, 41.697

57, 79.456, 41.697

54, 89.491, 42.561

60, 68.138, 40.521

52, 96.173, 42.676

64, 56.703, 39.452

69, 45.661, 38.629

74, 35.243, 38.063

79, 25.538, 37.722

84, 16.564, 37.560

89, 8.291, 37.519

95, 0.669, 36.762

99, 4.834, 199.236

Harmonies

Complementary

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



57, 79.456, 41.697



76, 39.876, 226.621

Rectangle

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



57, 79.456, 41.697



57, 79.456, 91.697



57, 79.456, 221.697



57, 79.456, 271.697

Sweetspot

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



57, 79.453, 41.699



86, 20.162, 37.595



57, 91.945, 335.562



44, 14.062, 37.652



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



57, 79.453, 41.699



56, 98.415, 42.580



77, 71.654, 80.938



47, 4.270, 37.517



40, 78.012, 43.059



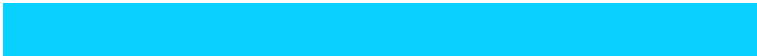
10, 26.429, 34.143

Inverse Universe

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



76, 39.876, 226.621



78, 43.509, 231.913



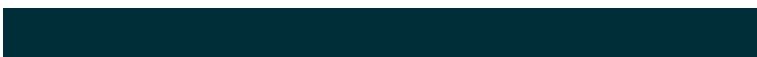
49, 77.731, 291.387



49, 4.021, 218.008



57, 34.123, 232.195



17, 14.852, 226.597

Previews

White Background



This preview shows how the CIELCh color 57, 79.456, 41.697 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 57, 79.456, 41.697 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 57, 79.456, 41.697

Background



This preview shows how black text looks on a background with the CIELCh color 57, 79.456, 41.697.



This preview shows how white text looks on a background with the CIELCh color 57, 79.456, 41.697.

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

57, 79.456, 41.697

Protanopia

57, 42.190, 95.700

Deuteranopia

57, 55.916, 82.226



Tritanopia
57, 71.183, 28.310

Trichromacy



Original Color
57, 79.456, 41.697

Protanomaly
55, 48.246, 64.437

Deuteranomaly
56, 60.748, 62.449

Tritanomaly
57, 74.052, 33.631

Monochromacy



Original Color
57, 79.456, 41.697

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 27.269, 37.948

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 79.456, 41.697 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, 82, 46)` looks like.

```
.text, #text, p{  
    color:rgb(241, 82, 46)  
}
```

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, 82, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 82, 46) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 79.456, 41.697 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, 82, 46) }
```

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

```
.border{ border-color:rgb(241, 82, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 82, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 82, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 82, 46);  
box-shadow:4px 4px 4px 4px rgb(241, 82,  
46) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 79.456, 41.697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 82, 46) }
```

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

```
.background{ background-color: rgb(241, 82,  
46) }
```

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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