

Converting Colors

CIELCh(55, 96.859, 39.242)

Have a look what the booklet for
CIELCh(55, 96.859, 39.242) contains.

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Color

CIELCh(55, 96.573, 39.227)

Conversions

Conversions Part 1

Format	Color
Hex	FE2B19
RGB	254, 43, 25
RGB Percent	100%, 17%, 10%
CMY	0.0031, 0.8302, 0.9013
CMYK	0.00, 0.83, 0.90, 0.00
HSL	5°, 99%, 55%
HSV	5°, 90%, 100%
XYZ	42.0021, 22.9298, 3.1415
YIQ	104.0370, 131.5340, 39.1340

Conversions

Conversions Part 2

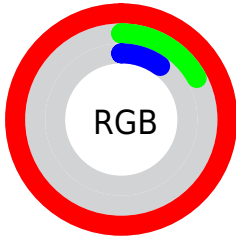
Format	Color
RYB	254, 45, 25
Decimal	16657177
CIELab	55.00, 74.81, 61.07
CIELCh	55, 96.573, 39.227
Yxy	22.9298, 0.6170, 0.3368
Android (android.graphics.Color)	4294847257 (0xFFFE2B19)
YUV	104.0370, -38.9652, 131.5176
Hunter-Lab	47.8851, 72.7712, 29.6299

Details

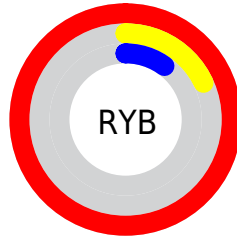
The CIELCh color **55, 96.573, 39.227** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **86, 44.959, 209.082**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 70.388, 41.508**, and **39, 82.832, 40.000** is the 20% darker color. If you saturate the color by 10%, you get **54, 103.250, 40.645**, and if you desaturate by 10%, it is **57, 86.336, 36.878**.

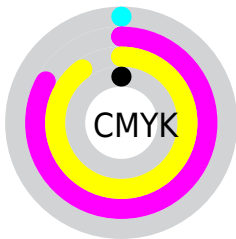
Distribution



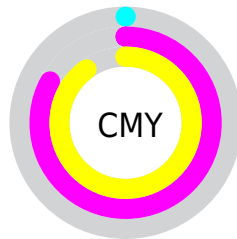
- Red (100%)
- Green (17%)
- Blue (10%)



- Red (100%)
- Yellow (18%)
- Blue (10%)



- Cyan (0%)
- Magenta (83%)
- Yellow (90%)
- Black (0%)



- Cyan (0%)
- Magenta (83%)
- Yellow (90%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 96.573, 39.227 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, 96.573, 39.227 by changing the saturation by 10% instead.

 55, 96.573, 39.227

 55, 96.573, 39.227

 100, 96.573,
39.227

 45, 96.573, 39.227

 75, 96.573, 39.227

 35, 96.573, 39.227

 85, 96.573, 39.227

 25, 96.573, 39.227

 95, 96.573, 39.227


 15, 96.573, 39.227

 5, 96.573, 39.227

 0, 96.573, 39.227

 55, 96.573, 39.227

 55, 96.573, 39.227

 54, 103.250,
40.645

 57, 86.336, 36.878

 61, 74.523, 34.362

65, 62.333, 32.172

70, 50.331, 30.427

75, 38.834, 29.096

81, 28.016, 28.105

87, 17.953, 27.377

93, 8.653, 26.828

100, 0.082, 18.374

Harmonies

Complementary

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



55, 96.573, 39.227



86, 44.959, 209.082

Rectangle

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



55, 96.573, 39.227



55, 96.573, 89.227



55, 96.573, 219.227



55, 96.573, 269.227

Sweetspot

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



55, 96.569, 39.229



83, 24.879, 27.856



60, 107.745, 330.812



42, 16.999, 28.133



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, 96.569, 39.229



54, 103.495, 40.643



73, 79.181, 68.447



50, 4.872, 26.799



40, 83.101, 40.840



10, 31.843, 31.050

Inverse Universe

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



86, 44.959, 209.082



85, 45.373, 210.392



54, 74.917, 286.658



52, 4.579, 206.383



66, 36.593, 210.126



22, 16.996, 208.312

Previews

White Background



This preview shows how the CIELCh color 55, 96.573, 39.227 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, 96.573, 39.227 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, 96.573, 39.227

Background



This preview shows how black text looks on a background with the CIELCh color 55, 96.573, 39.227.



This preview shows how white text looks on a background with the CIELCh color 55, 96.573, 39.227.

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

55, 96.573, 39.227

Protanopia

55, 47.392, 95.231

Deuteranopia

55, 61.071, 83.449



Tritanopia
55, 93.065, 36.012

Trichromacy



Original Color
55, 96.573, 39.227

Protanomaly
52, 57.224, 57.741

Deuteranomaly
52, 69.959, 57.684

Tritanomaly
55, 94.338, 37.162

Monochromacy



Original Color
55, 96.573, 39.227

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 36.268, 30.894

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 96.573, 39.227 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, 43, 25)` looks like.

```
.text, #text, p{  
    color:rgb(254, 43, 25)  
}
```

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, 43, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 43, 25) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 96.573, 39.227 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, 43, 25) }
```

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

```
.border{ border-color:rgb(254, 43, 25) }
```

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

Here you see how a box with a 4 pixel rgb(254, 43, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 43, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 43, 25);  
box-shadow:4px 4px 4px 4px rgb(254, 43,  
25) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 96.573, 39.227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 43, 25) }
```

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

```
.background{ background-color: rgb(254, 43,  
25) }
```

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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