

Converting Colors

CIELCh(55, 91.214, 34.927)

Have a look what the booklet for
CIELCh(55, 91.214, 34.927) contains.

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Color

CIELCh(55, 91.133, 34.948)

Conversions

Conversions Part 1

Format	Color
Hex	FD2C2D
RGB	253, 44, 45
RGB Percent	99%, 17%, 18%
CMY	0.0071, 0.8264, 0.8230
CMYK	0.00, 0.83, 0.82, 0.01
HSL	360°, 98%, 58%
HSV	360°, 83%, 99%
XYZ	41.9655, 22.9298, 4.7105
YIQ	106.6050, 124.2430, 44.6190

Conversions

Conversions Part 2

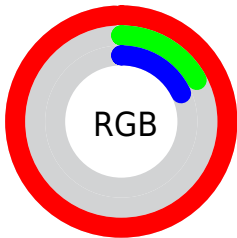
Format	Color
RYB	253, 44, 45
Decimal	16591917
CIELab	55.00, 74.70, 52.20
CIElCh	55, 91.133, 34.948
Yxy	22.9298, 0.6029, 0.3294
Android (android.graphics.Color)	4294781997 (0xFFFD2C2D)
YUV	106.6050, -30.3713, 128.3884
Hunter-Lab	47.8851, 72.6346, 27.6872

Details

The CIELCh color **55, 91.133, 34.948** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **91, 48.285, 195.931**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 65.104, 35.185**, and **39, 82.832, 40.000** is the 20% darker color. If you saturate the color by 10%, you get **53, 99.818, 38.268**, and if you desaturate by 10%, it is **58, 80.185, 31.310**.

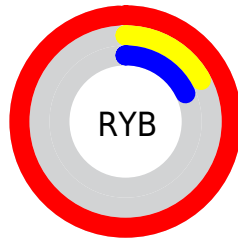
Distribution



Red (99%)

Green (17%)

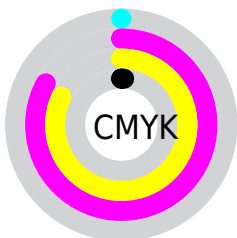
Blue (18%)



Red (99%)

Yellow (17%)

Blue (18%)

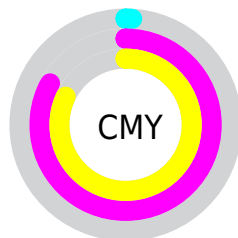


Cyan (0%)

Magenta (83%)

Yellow (82%)

Black (1%)



Cyan (1%)

Magenta (83%)

Yellow (82%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 91.133, 34.948 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, 91.133, 34.948 by changing the saturation by 10% instead.

 55, 91.133, 34.948

 55, 91.133, 34.948

 100, 91.133,
34.948


 45, 91.133, 34.948

 75, 91.133, 34.948

 35, 91.133, 34.948

 85, 91.133, 34.948

 25, 91.133, 34.948

 95, 91.133, 34.948

 15, 91.133, 34.948

 5, 91.133, 34.948

 0, 91.133, 34.948

 55, 91.133, 34.948

 55, 91.133, 34.948

 53, 99.818, 38.268

 58, 80.185, 31.310

 53, 103.846,

 62, 68.316, 28.097

39.884

66, 56.167, 25.507

72, 44.173, 23.497

78, 32.644, 21.959

84, 21.770, 20.779

91, 11.635, 19.854

98, 2.249, 18.922

100, 0.627,
200.422

Harmonies

Complementary

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



55, 91.133, 34.948



91, 48.285, 195.931

Rectangle

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



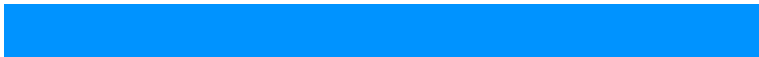
55, 91.133, 34.948



55, 91.133, 84.948



55, 91.133, 214.948



55, 91.133, 264.948

Sweetspot

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



55, 91.130, 34.950



83, 24.547, 21.045



61, 109.547, 327.488



42, 16.971, 21.451



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, 91.130, 34.950



53, 103.896, 39.682



70, 74.608, 62.808



49, 5.253, 19.608



40, 84.037, 39.835



10, 33.333, 27.012

Inverse Universe

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



55, 91.130, 34.950



53, 103.896, 39.682



62, 58.763, 275.231



49, 5.253, 19.608



40, 84.037, 39.835



10, 33.333, 27.012

Previews

White Background



This preview shows how the CIELCh color 55, 91.133, 34.948 looks on a white background.

Color Contrast Check

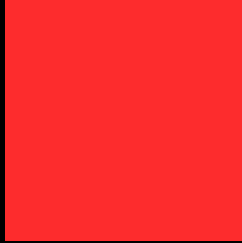
Large Text (above 18pt) WCAG AA ✓ Pass

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, 91.133, 34.948 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, 91.133, 34.948

Background



This preview shows how black text looks on a background with the CIELCh color 55, 91.133, 34.948.



This preview shows how white text looks on a background with the CIELCh color 55, 91.133, 34.948.

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, 91.133, 34.948

Protanopia

55, 36.293, 95.534

Deuteranopia

55, 56.413, 82.479



Tritanopia
55, 91.516, 35.581

Trichromacy



Original Color
55, 91.133, 34.948

Protanomaly
52, 48.375, 50.495

Deuteranomaly
52, 64.243, 54.945

Tritanomaly
55, 91.255, 35.325

Monochromacy



Original Color
55, 91.133, 34.948

Achromatopsia
45, 0.006, 296.813

Achromatomaly
45, 34.265, 23.504

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 91.133, 34.948 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(253, 44, 45)` looks like.

```
.text, #text, p{  
    color:rgb(253, 44, 45)  
}
```

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(253, 44, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 44, 45) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 91.133, 34.948 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(253, 44, 45) }
```

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

```
.border{ border-color:rgb(253, 44, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 44, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 44, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 44, 45);  
box-shadow:4px 4px 4px 4px rgb(253, 44,  
45) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 91.133, 34.948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 44, 45) }
```

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

```
.background{ background-color: rgb(253, 44,  
45) }
```

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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