

Converting Colors

CIELCh(55, 84.511, 32.185)

Have a look what the booklet for
CIELCh(55, 84.511, 32.185) contains.

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Color

CIELCh(55, 84.511, 32.185)

Conversions

Conversions Part 1

Format	Color
Hex	F8353A
RGB	248, 53, 58
RGB Percent	97%, 21%, 23%
CMY	0.0258, 0.7903, 0.7714
CMYK	0.00, 0.78, 0.77, 0.03
HSL	359°, 94%, 59%
HSV	359°, 78%, 97%
XYZ	40.9244, 22.9298, 6.3106
YIQ	111.8750, 114.6150, 42.8950

Conversions

Conversions Part 2

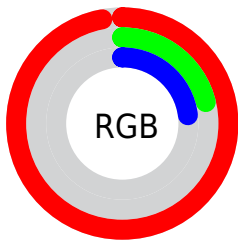
Format	Color
R_{YB}	248, 53, 58
Decimal	16266554
CIE _{Lab}	55.00, 71.52, 45.02
CIE _{LCh}	55, 84.511, 32.185
Yxy	22.9298, 0.5833, 0.3268
Android (android.graphics.Color)	4294456634 (0xFFFF8353A)
YUV	111.8750, -26.5604, 119.3816
Hunter-Lab	47.8851, 68.7539, 25.7060

Details

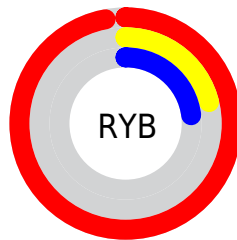
The CIELCh color **55, 84.511, 32.185** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **89, 47.385, 193.402**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 60.681, 31.518**, and **38, 78.313, 36.937** is the 20% darker color. If you saturate the color by 10%, you get **53, 94.147, 36.033**, and if you desaturate by 10%, it is **58, 73.507, 28.557**.

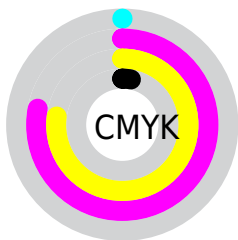
Distribution



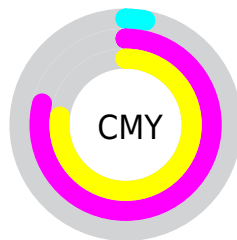
- Red (97%)
- Green (21%)
- Blue (23%)



- Red (97%)
- Yellow (21%)
- Blue (23%)



- Cyan (0%)
- Magenta (78%)
- Yellow (77%)
- Black (3%)



- Cyan (3%)
- Magenta (79%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 84.511, 32.185 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, 84.511, 32.185 by changing the saturation by 10% instead.

 55, 84.511, 32.185

 55, 84.511, 32.185

 100, 84.511,
32.185

 45, 84.511, 32.185

 75, 84.511, 32.185

 35, 84.511, 32.185

 85, 84.511, 32.185

 25, 84.511, 32.185

 95, 84.511, 32.185

 15, 84.511, 32.185

 5, 84.511, 32.185

 0, 84.511, 32.185

 55, 84.511, 32.185

 55, 84.511, 32.185

 53, 94.147, 36.033

 58, 73.507, 28.557

 52, 100.810,

 62, 61.900, 25.531

39.010

67, 50.159, 23.143

52, 101.547,
39.303

73, 38.653, 21.296

79, 27.646, 19.872

85, 17.286, 18.762

92, 7.631, 17.858

99, 1.324, 197.753

100, 2.283,
199.551

Harmonies

Complementary

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



55, 84.511, 32.185



89, 47.385, 193.402

Rectangle

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



55, 84.511, 32.185



55, 84.511, 82.185



55, 84.511, 212.185



55, 84.511, 262.185

Sweetspot

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



55, 84.508, 32.187



84, 23.424, 19.347



60, 105.431, 326.862



42, 16.302, 19.765



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, 84.508, 32.187



54, 100.390, 37.935



70, 70.158, 62.066



49, 5.166, 17.946



39, 82.289, 39.024



9, 32.014, 25.156

Inverse Universe

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



55, 84.508, 32.187



54, 100.390, 37.935



63, 53.669, 271.490



49, 5.166, 17.946



39, 82.289, 39.024



9, 32.014, 25.156

Previews

White Background



This preview shows how the CIELCh color 55, 84.511, 32.185 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, 84.511, 32.185 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, 84.511, 32.185

Background



This preview shows how black text looks on a background with the CIELCh color 55, 84.511, 32.185.



This preview shows how white text looks on a background with the CIELCh color 55, 84.511, 32.185.

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, 84.511, 32.185

Protanopia

55, 28.751, 95.868

Deuteranopia

55, 48.596, 81.386



Tritanopia
55, 85.115, 33.276

Trichromacy



Original Color
55, 84.511, 32.185

Protanomaly
52, 41.999, 46.697

Deuteranomaly
53, 56.601, 52.076

Tritanomaly
55, 84.854, 32.968

Monochromacy



Original Color
55, 84.511, 32.185

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 31.593, 22.780

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 84.511, 32.185 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(248, 53, 58)` looks like.

```
.text, #text, p{  
    color:rgb(248, 53, 58)  
}
```

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(248, 53, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 53, 58) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 84.511, 32.185 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(248, 53, 58) }
```

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

```
.border{ border-color:rgb(248, 53, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 53, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 53, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 53, 58);  
box-shadow:4px 4px 4px 4px rgb(248, 53,  
58) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 84.511, 32.185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 53, 58) }
```

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

```
.background{ background-color: rgb(248, 53,  
58) }
```

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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