

Converting Colors

CIELCh(59, 84.225, 44.770)

Have a look what the booklet for
CIELCh(59, 84.225, 44.770) contains.

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Color

CIELCh(59, 84.329, 44.909)

Conversions

Conversions Part 1

Format	Color
Hex	F95724
RGB	249, 87, 36
RGB Percent	98%, 34%, 14%
CMY	0.0242, 0.6594, 0.8593
CMYK	0.00, 0.65, 0.86, 0.02
HSL	14°, 95%, 56%
HSV	14°, 86%, 98%
XYZ	42.7194, 27.0277, 4.6236
YIQ	129.6240, 112.9230, 18.4830

Conversions

Conversions Part 2

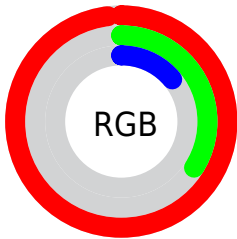
Format	Color
R_{YB}	249, 103, 36
Decimal	16340772
CIE Lab	59.00, 59.72, 59.53
CIE LCh	59, 84.329, 44.909
Yxy	27.0277, 0.5744, 0.3634
Android (android.graphics.Color)	4294530852 (0xFFFF95724)
YUV	129.6240, -46.1566, 104.6928
Hunter-Lab	51.9882, 55.6964, 31.1188

Details

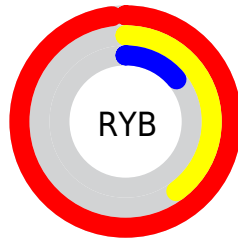
The CIELCh color **59, 84.329, 44.909** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **75, 42.305, 238.704**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 60.845, 51.652**, and **39, 80.019, 41.425** is the 20% darker color. If you saturate the color by 10%, you get **56, 93.225, 44.624**, and if you desaturate by 10%, it is **62, 73.318, 44.496**.

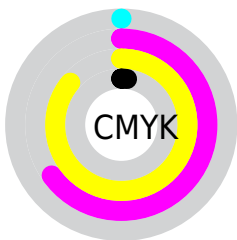
Distribution



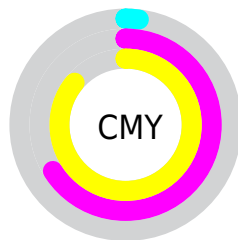
- Red (98%)
- Green (34%)
- Blue (14%)



- Red (98%)
- Yellow (40%)
- Blue (14%)



- Cyan (0%)
- Magenta (65%)
- Yellow (86%)
- Black (2%)



- Cyan (2%)
- Magenta (66%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 84.329, 44.909 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 59, 84.329, 44.909 by changing the saturation by 10% instead.

 59, 84.329, 44.909

 59, 84.329, 44.909

 100, 84.329,
44.909

 49, 84.329, 44.909

 79, 84.329, 44.909

 39, 84.329, 44.909

 89, 84.329, 44.909

 29, 84.329, 44.909

 99, 84.329, 44.909

 19, 84.329, 44.909

 9, 84.329, 44.909

 0, 84.329, 44.909

 59, 84.329, 44.909

 59, 84.329, 44.909

 56, 93.225, 44.624

 62, 73.318, 44.496

 55, 96.333, 44.337

 66, 61.797, 43.955

70, 50.526, 43.529

75, 39.831, 43.288

80, 29.840, 43.230

85, 20.581, 43.327

90, 12.031, 43.541

95, 4.140, 43.776

100, 2.140,
199.579

Harmonies

Complementary

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



59, 84.329, 44.909



75, 42.305, 238.704

Rectangle

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



59, 84.329, 44.909



59, 84.329, 94.909



59, 84.329, 224.909



59, 84.329, 274.909

Sweetspot

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



59, 84.326, 44.911



86, 21.373, 43.320



58, 92.856, 338.646



44, 14.698, 43.273



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



59, 84.326, 44.911



57, 98.183, 44.302



81, 77.564, 84.320



49, 4.295, 43.699



42, 77.788, 44.804



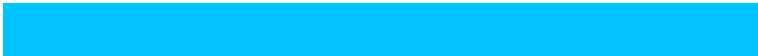
11, 28.159, 38.989

Inverse Universe

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



75, 42.305, 238.704



73, 45.467, 245.040



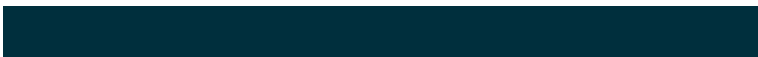
46, 91.557, 295.911



51, 4.057, 224.691



56, 36.095, 244.119



17, 15.937, 237.655

Previews

White Background



This preview shows how the CIELCh color 59, 84.329, 44.909 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 59, 84.329, 44.909 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 59, 84.329, 44.909

Background



This preview shows how black text looks on a background with the CIELCh color 59, 84.329, 44.909.



This preview shows how white text looks on a background with the CIELCh color 59, 84.329, 44.909.

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

59, 84.329, 44.909

Protanopia

59, 49.893, 95.853

Deuteranopia

59, 64.557, 83.457



Tritanopia
59, 72.459, 28.201

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 84.329, 44.909 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(249, 87, 36)` looks like.

```
.text, #text, p{  
    color:rgb(249, 87, 36)  
}
```

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(249, 87, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 87, 36) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 84.329, 44.909 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(249, 87, 36) }
```

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

```
.border{ border-color:rgb(249, 87, 36) }
```

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

Here you see how a box with a 4 pixel rgb(249, 87, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 87, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 87, 36);  
box-shadow:4px 4px 4px 4px rgb(249, 87,  
36) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 84.329, 44.909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 87, 36) }
```

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

```
.background{ background-color: rgb(249, 87,  
36) }
```

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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