

Converting Colors

CIELCh(55, 61.032, 41.559)

Have a look what the booklet for
CIELCh(55, 61.032, 41.559) contains.

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Color

CIELCh(55, 60.842, 41.318)

Conversions

Conversions Part 1

Format	Color
Hex	D75E40
RGB	215, 94, 64
RGB Percent	84%, 37%, 25%
CMY	0.1555, 0.6302, 0.7480
CMYK	0.00, 0.56, 0.70, 0.16
HSL	12°, 66%, 55%
HSV	12°, 70%, 84%
XYZ	33.0870, 22.9298, 7.5714
YIQ	126.7590, 81.7460, 16.3220

Conversions

Conversions Part 2

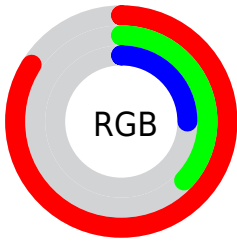
Format	Color
R _Y B	215, 101, 64
Decimal	14114368
CIE Lab	55.00, 45.70, 40.17
CIE LCh	55, 60.842, 41.318
Yxy	22.9298, 0.5203, 0.3606
Android (android.graphics.Color)	4292304448 (0xFFD75E40)
YUV	126.7590, -30.9402, 77.3874
Hunter-Lab	47.8851, 39.5386, 24.1449

Details

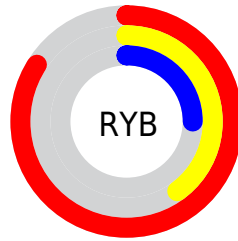
The CIELCh color **55, 60.842, 41.318** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **70, 34.302, 226.336**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 51.483, 44.142**, and **35, 60.952, 41.501** is the 20% darker color. If you saturate the color by 10%, you get **52, 71.183, 42.324**, and if you desaturate by 10%, it is **59, 50.484, 40.430**.

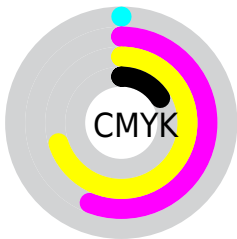
Distribution



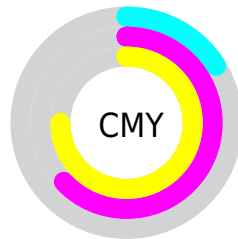
- Red (84%)
- Green (37%)
- Blue (25%)



- Red (84%)
- Yellow (40%)
- Blue (25%)



- Cyan (0%)
- Magenta (56%)
- Yellow (70%)
- Black (16%)



- Cyan (16%)
- Magenta (63%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 60.842, 41.318 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, 60.842, 41.318 by changing the saturation by 10% instead.

55, 60.842, 41.318

55, 60.842, 41.318

100, 60.842,
41.318

45, 60.842, 41.318

75, 60.842, 41.318

35, 60.842, 41.318

85, 60.842, 41.318

25, 60.842, 41.318

95, 60.842, 41.318

15, 60.842, 41.318

5, 60.842, 41.318

0, 60.842, 41.318

55, 60.842, 41.318

55, 60.842, 41.318

52, 71.183, 42.324

59, 50.484, 40.430

49, 80.578, 43.076

63, 40.532, 39.764

47, 87.685, 43.223

67, 31.165, 39.333

72, 22.449, 39.105

76, 14.391, 39.039

81, 6.958, 39.078

86, 0.103, 33.742

91, 6.233, 219.688

96, 11.739,
212.515

Harmonies

Complementary

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



55, 60.842, 41.318



70, 34.302, 226.336

Rectangle

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



55, 60.842, 41.318



55, 60.842, 91.318



55, 60.842, 221.318



55, 60.842, 271.318

Sweetspot

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



55, 60.840, 41.321



88, 17.269, 39.040



54, 78.123, 334.668



45, 11.826, 39.048



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, 60.840, 41.321



60, 86.064, 42.742



71, 58.283, 82.854



42, 3.859, 39.081



37, 73.403, 43.608



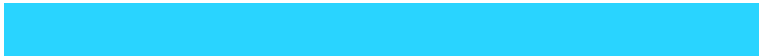
6, 19.427, 30.665

Inverse Universe

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



70, 34.302, 226.336



79, 42.204, 230.297



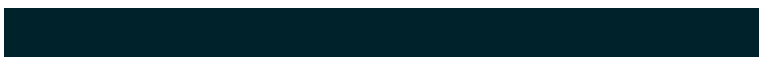
49, 60.643, 287.494



44, 3.639, 219.698



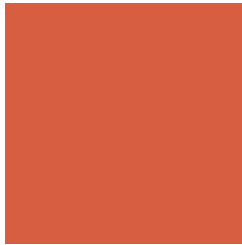
53, 32.510, 235.062



12, 12.648, 227.181

Previews

White Background



This preview shows how the CIELCh color 55, 60.842, 41.318 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, 60.842, 41.318 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, 60.842, 41.318

Background



This preview shows how black text looks on a background with the CIELCh color 55, 60.842, 41.318.



This preview shows how white text looks on a background with the CIELCh color 55, 60.842, 41.318.

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, 60.842, 41.318

Protanopia

55, 31.511, 95.560

Deuteranopia

55, 42.842, 80.558



Tritanopia
55, 55.009, 23.819

Trichromacy



Original Color
55, 60.842, 41.318

Protanomaly
54, 36.950, 64.783

Deuteranomaly
54, 46.300, 61.227

Tritanomaly
55, 56.297, 31.151

Monochromacy



Original Color
55, 60.842, 41.318

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 20.414, 39.283

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 60.842, 41.318 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(215, 94, 64)` looks like.

```
.text, #text, p{  
    color:rgb(215, 94, 64)  
}
```

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(215, 94, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 94, 64) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 60.842, 41.318 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(215, 94, 64) }
```

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

```
.border{ border-color:rgb(215, 94, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 94, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 94, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 94, 64);  
box-shadow:4px 4px 4px 4px rgb(215, 94,  
64) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 60.842, 41.318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 94, 64) }
```

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

```
.background{ background-color: rgb(215, 94,  
64) }
```

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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