

Converting Colors

CIELCh(53, 65.270, 44.183)

Have a look what the booklet for
CIELCh(53, 65.270, 44.183) contains.

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Color

CIELCh(53, 64.856, 44.270)

Conversions

Conversions Part 1

Format	Color
Hex	D35832
RGB	211, 88, 50
RGB Percent	83%, 35%, 20%
CMY	0.1727, 0.6550, 0.8040
CMYK	0.00, 0.58, 0.76, 0.17
HSL	14°, 65%, 51%
HSV	14°, 76%, 83%
XYZ	30.9138, 21.0462, 5.4470
YIQ	120.4450, 85.5060, 14.2580

Conversions

Conversions Part 2

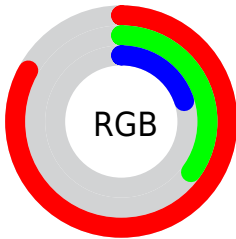
Format	Color
R _Y B	211, 100, 50
Decimal	13850674
CIE Lab	53.00, 46.44, 45.27
CIE LCh	53, 64.856, 44.270
Yxy	21.0462, 0.5385, 0.3666
Android (android.graphics.Color)	4292040754 (0xFFD35832)
YUV	120.4450, -34.7294, 79.4167
Hunter-Lab	45.8761, 39.9997, 25.0736

Details

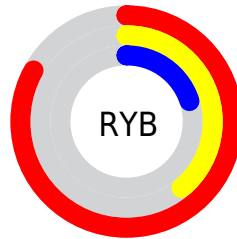
The CIELCh color **53, 64.856, 44.270** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **66, 35.327, 234.532**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 56.923, 46.756**, and **33, 64.566, 44.245** is the 20% darker color. If you saturate the color by 10%, you get **50, 74.501, 44.727**, and if you desaturate by 10%, it is **56, 54.761, 43.700**.

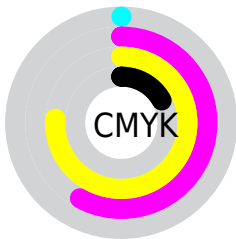
Distribution



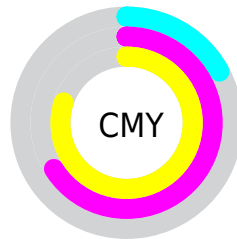
- Red (83%)
- Green (35%)
- Blue (20%)



- Red (83%)
- Yellow (39%)
- Blue (20%)



- Cyan (0%)
- Magenta (58%)
- Yellow (76%)
- Black (17%)



- Cyan (17%)
- Magenta (66%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 64.856, 44.270 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 53, 64.856, 44.270 by changing the saturation by 10% instead.

■ 53, 64.856, 44.270

■ 53, 64.856, 44.270

■ 100, 64.856,
44.270

■ 43, 64.856, 44.270

■ 73, 64.856, 44.270

■ 33, 64.856, 44.270

■ 83, 64.856, 44.270

■ 23, 64.856, 44.270

■ 93, 64.856, 44.270

■ 13, 64.856, 44.270

■ 3, 64.856, 44.270

■ 0, 64.856, 44.270

■ 53, 64.856, 44.270

■ 53, 64.856, 44.270

■ 50, 74.501, 44.727

■ 56, 54.761, 43.700

■ 48, 82.357, 44.520

■ 60, 44.879, 43.244

47, 84.907, 44.475

64, 35.494, 42.973

68, 26.718, 42.886

73, 18.578, 42.956

77, 11.055, 43.144

82, 4.109, 43.368

86, 2.313, 224.126

91, 8.268, 224.389

Harmonies

Complementary

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



53, 64.856, 44.270



66, 35.327, 234.532

Rectangle

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



53, 64.856, 44.270



53, 64.856, 94.270



53, 64.856, 224.270



53, 64.856, 274.270

Sweetspot

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



53, 64.854, 44.273



88, 18.702, 43.003



51, 78.018, 337.554



45, 13.140, 42.948



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



53, 64.854, 44.273



58, 92.368, 44.701



71, 63.064, 85.984



42, 3.713, 43.309



38, 71.360, 44.915



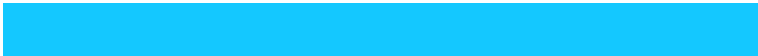
6, 17.432, 32.744

Inverse Universe

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



66, 35.327, 234.532



75, 44.138, 240.718



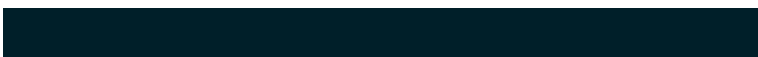
43, 70.469, 292.568



43, 3.510, 224.258



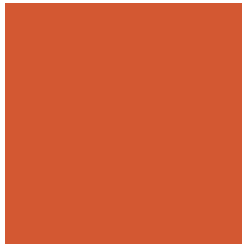
50, 32.988, 242.984



10, 12.251, 233.163

Previews

White Background



This preview shows how the CIELCh color 53, 64.856, 44.270 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 53, 64.856, 44.270 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 53, 64.856, 44.270

Background



This preview shows how black text looks on a background with the CIELCh color 53, 64.856, 44.270.



This preview shows how white text looks on a background with the CIELCh color 53, 64.856, 44.270.

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

53, 64.856, 44.270

Protanopia

53, 36.970, 95.395

Deuteranopia

53, 47.845, 82.003



Tritanopia
53, 56.742, 24.575

Trichromacy



Original Color
53, 64.856, 44.270

Protanomaly
52, 41.287, 68.193

Deuteranomaly
52, 51.107, 64.444

Tritanomaly
53, 58.682, 32.614

Monochromacy



Original Color
53, 64.856, 44.270

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 21.667, 41.703

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 64.856, 44.270 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(211, 88, 50)` looks like.

```
.text, #text, p{  
    color:rgb(211, 88, 50)  
}
```

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(211, 88, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 88, 50) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 64.856, 44.270 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(211, 88, 50) }
```

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

```
.border{ border-color:rgb(211, 88, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 88, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 88, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 88, 50);  
box-shadow:4px 4px 4px 4px rgb(211, 88,  
50) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 64.856, 44.270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 88, 50) }
```

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

```
.background{ background-color: rgb(211, 88,  
50) }
```

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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