

Converting Colors

CIELCh(53, 74.087, 53.810)

Have a look what the booklet for
CIELCh(53, 74.087, 53.810) contains.

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Color

CIELCh(53, 74.008, 53.712)

Conversions

Conversions Part 1

Format	Color
Hex	D25A0D
RGB	210, 90, 13
RGB Percent	82%, 35%, 5%
CMY	0.1783, 0.6453, 0.9503
CMYK	0.00, 0.57, 0.94, 0.18
HSL	24°, 89%, 44%
HSV	24°, 94%, 82%
XYZ	30.2074, 21.0462, 2.8398
YIQ	117.1020, 96.2370, 1.4930

Conversions

Conversions Part 2

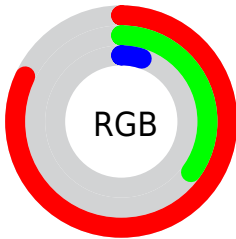
Format	Color
RYB	210, 139, 13
Decimal	13785613
CIELab	53.00, 43.80, 59.65
CIElCh	53, 74.008, 53.712
Yxy	21.0462, 0.5584, 0.3891
Android (android.graphics.Color)	4291975693 (0xFFD25A0D)
YUV	117.1020, -51.3223, 81.4715
Hunter-Lab	45.8761, 37.2510, 28.4432

Details

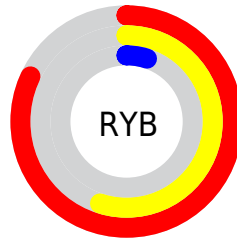
The CIELCh color **53, 74.008, 53.712** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **53, 48.114, 269.126**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 67.223, 56.767**, and **33, 64.129, 45.668** is the 20% darker color. If you saturate the color by 10%, you get **52, 77.601, 52.483**, and if you desaturate by 10%, it is **56, 66.803, 55.410**.

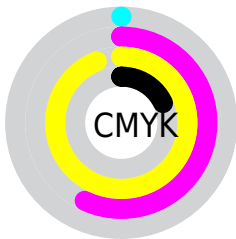
Distribution



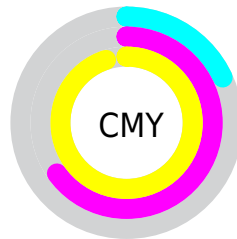
- Red (82%)
- Green (35%)
- Blue (5%)



- Red (82%)
- Yellow (55%)
- Blue (5%)



- Cyan (0%)
- Magenta (57%)
- Yellow (94%)
- Black (18%)



- Cyan (18%)
- Magenta (65%)
- Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 74.008, 53.712 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, 74.008, 53.712 by changing the saturation by 10% instead.

■ 53, 74.008, 53.712

■ 53, 74.008, 53.712

■ 100, 74.008,
53.712

■ 43, 74.008, 53.712

■ 73, 74.008, 53.712

■ 33, 74.008, 53.712

■ 83, 74.008, 53.712

■ 23, 74.008, 53.712

■ 93, 74.008, 53.712

■ 13, 74.008, 53.712

■ 3, 74.008, 53.712

■ 0, 74.008, 53.712

■ 53, 74.008, 53.712

■ 53, 74.008, 53.712

■ 52, 77.601, 52.483

■ 56, 66.803, 55.410

■ 58, 58.179, 56.509

61, 49.156, 57.384

65, 40.276, 58.213

68, 31.779, 59.067

72, 23.753, 59.964

75, 16.216, 60.900

79, 9.146, 61.856

83, 2.509, 62.719

Harmonies

Complementary

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



53, 74.008, 53.712



53, 48.114, 269.126

Rectangle

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



53, 74.008, 53.712



53, 74.008, 103.712



53, 74.008, 233.712



53, 74.008, 283.712

Sweetspot

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



53, 74.006, 53.714



88, 22.550, 60.488



46, 75.539, 350.079



45, 15.793, 60.081



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, 74.006, 53.714



62, 90.332, 52.043



75, 76.013, 95.190



42, 3.660, 62.282



42, 65.593, 53.085



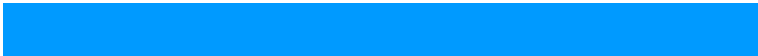
8, 16.094, 46.147

Inverse Universe

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



53, 48.114, 269.126



62, 59.265, 272.745



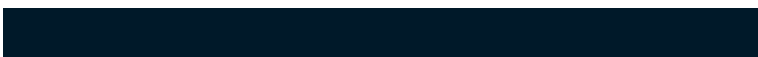
29, 104.535, 303.737



42, 3.524, 244.407



42, 42.504, 271.277



8, 14.048, 259.723

Previews

White Background



This preview shows how the CIELCh color 53, 74.008, 53.712 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, 74.008, 53.712 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, 74.008, 53.712

Background



This preview shows how black text looks on a background with the CIELCh color 53, 74.008, 53.712.



This preview shows how white text looks on a background with the CIELCh color 53, 74.008, 53.712.

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, 74.205, 53.449

Protanopia

53, 53.171, 95.201

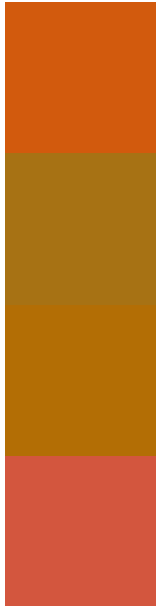
Deuteranopia

53, 59.517, 83.789



Tritanopia
53, 55.847, 24.333

Trichromacy



Original Color
53, 74.205, 53.449

Protanomaly
52, 56.112, 76.071

Deuteranomaly
53, 62.452, 70.466

Tritanomaly
53, 61.575, 38.926

Monochromacy



Original Color
53, 74.205, 53.449

Achromatopsia
49, 0.007, 296.813

Achromatomaly
49, 26.631, 58.202

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 74.008, 53.712 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(210, 90, 13)` looks like.

```
.text, #text, p{  
    color:rgb(210, 90, 13)  
}
```

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(210, 90, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 90, 13) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 74.008, 53.712 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(210, 90, 13) }
```

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

```
.border{ border-color:rgb(210, 90, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 90, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 90, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 90, 13);  
box-shadow:4px 4px 4px 4px rgb(210, 90,  
13) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 74.008, 53.712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 90, 13) }
```

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

```
.background{ background-color: rgb(210, 90,  
13) }
```

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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