

Converting Colors

CIELCh(53, 65.806, 35.412)

Have a look what the booklet for
CIELCh(53, 65.806, 35.412) contains.

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Color

CIELCh(53, 66.025, 35.294)

Conversions

Conversions Part 1

Format	Color
Hex	DB4F40
RGB	219, 79, 64
RGB Percent	86%, 31%, 25%
CMY	0.1409, 0.6899, 0.7488
CMYK	0.00, 0.64, 0.71, 0.14
HSL	6°, 68%, 56%
HSV	6°, 71%, 86%
XYZ	32.9667, 21.0462, 7.1845
YIQ	119.1500, 88.2550, 25.0150

Conversions

Conversions Part 2

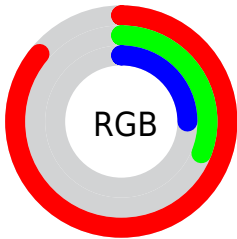
Format	Color
RYB	219, 81, 64
Decimal	14372672
CIELab	53.00, 53.89, 38.15
CIELCh	53, 66.025, 35.294
Yxy	21.0462, 0.5387, 0.3439
Android (android.graphics.Color)	4292562752 (0xFFDB4F40)
YUV	119.1500, -27.1889, 87.5685
Hunter-Lab	45.8761, 47.9872, 22.8281

Details

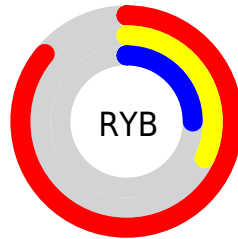
The CIELCh color **53, 66.025, 35.294** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **76, 36.684, 209.843**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 54.524, 36.170**, and **33, 65.960, 35.200** is the 20% darker color. If you saturate the color by 10%, you get **50, 76.538, 37.566**, and if you desaturate by 10%, it is **57, 55.229, 33.312**.

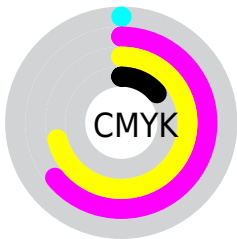
Distribution



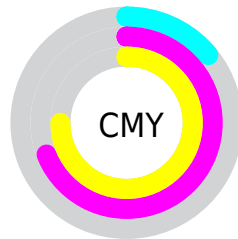
- Red (86%)
- Green (31%)
- Blue (25%)



- Red (86%)
- Yellow (32%)
- Blue (25%)



- Cyan (0%)
- Magenta (64%)
- Yellow (71%)
- Black (14%)



- Cyan (14%)
- Magenta (69%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 66.025, 35.294 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, 66.025, 35.294 by changing the saturation by 10% instead.

■ 53, 66.025, 35.294

■ 53, 66.025, 35.294

■ 100, 66.025,
35.294

■ 43, 66.025, 35.294

■ 73, 66.025, 35.294

■ 33, 66.025, 35.294

■ 83, 66.025, 35.294

■ 23, 66.025, 35.294

■ 93, 66.025, 35.294

■ 13, 66.025, 35.294

■ 3, 66.025, 35.294

■ 0, 66.025, 35.294

■ 53, 66.025, 35.294

■ 53, 66.025, 35.294

■ 50, 76.538, 37.566

■ 57, 55.229, 33.312

■ 48, 85.730, 39.657

■ 61, 44.647, 31.728

46, 91.803, 40.976

66, 34.540, 30.525

71, 25.046, 29.638

76, 16.220, 28.997

81, 8.065, 28.527

87, 0.546, 27.222

93, 6.390, 208.231

98, 12.100,
198.698

Harmonies

Complementary

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



53, 66.025, 35.294



76, 36.684, 209.843

Rectangle

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



53, 66.025, 35.294



53, 66.025, 85.294



53, 66.025, 215.294



53, 66.025, 265.294

Sweetspot

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



53, 66.022, 35.297



87, 18.592, 29.020



55, 85.193, 330.665



45, 12.730, 29.180



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, 66.022, 35.297



57, 91.258, 38.678



69, 57.368, 73.996



43, 4.236, 28.470



37, 76.816, 41.173



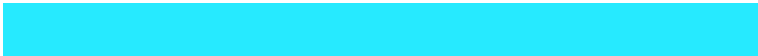
6, 22.349, 25.246

Inverse Universe

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



76, 36.684, 209.843



85, 43.925, 211.534



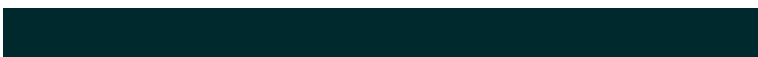
54, 53.099, 280.078



45, 3.985, 208.207



59, 33.519, 213.479



14, 13.659, 210.223

Previews

White Background



This preview shows how the CIELCh color 53, 66.025, 35.294 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, 66.025, 35.294 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, 66.025, 35.294

Background



This preview shows how black text looks on a background with the CIELCh color 53, 66.025, 35.294.



This preview shows how white text looks on a background with the CIELCh color 53, 66.025, 35.294.

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, 66.025, 35.294

Protanopia

53, 26.664, 96.130

Deuteranopia

53, 40.750, 80.619



Tritanopia
53, 62.864, 27.066

Trichromacy



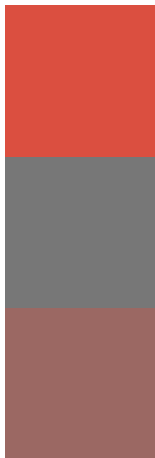
Original Color
53, 66.025, 35.294

Protanomaly
52, 34.278, 56.742

Deuteranomaly
52, 46.037, 56.561

Tritanomaly
53, 63.895, 30.216

Monochromacy



Original Color
53, 66.025, 35.294

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 22.742, 29.374

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 66.025, 35.294 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(219, 79, 64)` looks like.

```
.text, #text, p{  
    color:rgb(219, 79, 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(219, 79, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 79, 64) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 66.025, 35.294 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(219, 79, 64) }
```

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

```
.border{ border-color:rgb(219, 79, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 79, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 79, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 79, 64);  
box-shadow:4px 4px 4px 4px rgb(219, 79,  
64) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 66.025, 35.294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 79, 64) }
```

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

```
.background{ background-color: rgb(219, 79,  
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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