

Converting Colors

CIELCh(54, 64.531, 37.695)

Have a look what the booklet for
CIELCh(54, 64.531, 37.695) contains.

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Color

CIELCh(54, 64.591, 37.441)

Conversions

Conversions Part 1

Format	Color
Hex	DB5540
RGB	219, 85, 64
RGB Percent	86%, 33%, 25%
CMY	0.1406, 0.6661, 0.7486
CMYK	0.00, 0.61, 0.71, 0.14
HSL	8°, 68%, 56%
HSV	8°, 71%, 86%
XYZ	33.4489, 21.9746, 7.3467
YIQ	122.6720, 86.6050, 21.8770

Conversions

Conversions Part 2

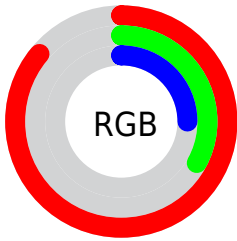
Format	Color
RYB	219, 88, 64
Decimal	14374208
CIELab	54.00, 51.28, 39.27
CIElCh	54, 64.591, 37.441
Yxy	21.9746, 0.5329, 0.3501
Android (android.graphics.Color)	4292564288 (0xFFDB5540)
YUV	122.6720, -28.9253, 84.4797
Hunter-Lab	46.8770, 45.3333, 23.5218

Details

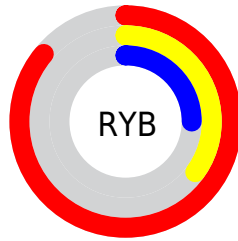
The CIELCh color **54, 64.591, 37.441** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **74, 35.701, 215.900**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 53.328, 38.879**, and **34, 64.555, 37.519** is the 20% darker color. If you saturate the color by 10%, you get **51, 75.152, 39.223**, and if you desaturate by 10%, it is **58, 53.857, 35.875**.

Distribution



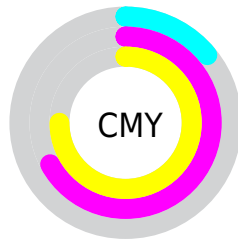
- Red (86%)
- Green (33%)
- Blue (25%)



- Red (86%)
- Yellow (35%)
- Blue (25%)



- Cyan (0%)
- Magenta (61%)
- Yellow (71%)
- Black (14%)



- Cyan (14%)
- Magenta (67%)
- Yellow (75%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 64.591, 37.441 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 54, 64.591, 37.441 by changing the saturation by 10% instead.

 54, 64.591, 37.441

 54, 64.591, 37.441

 100, 64.591,
37.441

 44, 64.591, 37.441

 74, 64.591, 37.441

 34, 64.591, 37.441

 84, 64.591, 37.441

 24, 64.591, 37.441

 94, 64.591, 37.441

 14, 64.591, 37.441

 4, 64.591, 37.441

 0, 64.591, 37.441

 54, 64.591, 37.441

 54, 64.591, 37.441

 51, 75.152, 39.223

 58, 53.857, 35.875

 48, 84.512, 40.784

 62, 43.430, 34.634

47, 90.896, 41.643

67, 33.537, 33.715

71, 24.288, 33.068

77, 15.716, 32.635

82, 7.806, 32.349

87, 0.517, 31.160

92, 6.206, 212.382

98, 12.076,
198.699

Harmonies

Complementary

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



54, 64.591, 37.441



74, 35.701, 215.900

Rectangle

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



54, 64.591, 37.441



54, 64.591, 87.441



54, 64.591, 217.441



54, 64.591, 267.441

Sweetspot

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



54, 64.588, 37.444



87, 18.024, 32.651



55, 82.359, 332.601



45, 12.343, 32.755



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



54, 64.588, 37.444



58, 89.771, 40.074



70, 58.282, 78.464



43, 4.105, 32.316



37, 75.994, 41.918



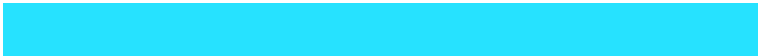
6, 21.794, 27.434

Inverse Universe

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



74, 35.701, 215.900



83, 42.828, 218.512



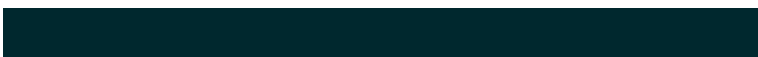
52, 57.475, 284.153



45, 3.862, 212.374



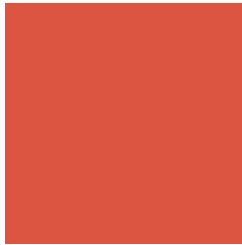
57, 32.773, 221.444



14, 13.316, 216.584

Previews

White Background



This preview shows how the CIELCh color 54, 64.591, 37.441 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 54, 64.591, 37.441 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 54, 64.591, 37.441

Background



This preview shows how black text looks on a background with the CIELCh color 54, 64.591, 37.441.



This preview shows how white text looks on a background with the CIELCh color 54, 64.591, 37.441.

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

54, 64.591, 37.441

Protanopia

54, 29.356, 95.915

Deuteranopia

54, 42.048, 79.991



Tritanopia
54, 60.264, 25.804

Trichromacy



Original Color
54, 64.591, 37.441

Protanomaly
53, 35.690, 60.203

Deuteranomaly
53, 46.582, 58.179

Tritanomaly
54, 61.629, 30.104

Monochromacy



Original Color
54, 64.591, 37.441

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 21.978, 32.354

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 64.591, 37.441 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, 85, 64)` looks like.

```
.text, #text, p{  
    color:rgb(219, 85, 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, 85, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 85, 64) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 64.591, 37.441 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, 85, 64) }
```

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

```
.border{ border-color:rgb(219, 85, 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, 85, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 85, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 85, 64);  
box-shadow:4px 4px 4px 4px rgb(219, 85,  
64) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 64.591, 37.441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 85, 64) }
```

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

```
.background{ background-color: rgb(219, 85,  
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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