

Converting Colors

CIELCh(53, 65.049, 32.873)

Have a look what the booklet for
CIELCh(53, 65.049, 32.873) contains.

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Color

CIELCh(53, 64.946, 32.854)

Conversions

Conversions Part 1

Format	Color
Hex	DB4E45
RGB	219, 78, 69
RGB Percent	86%, 31%, 27%
CMY	0.1397, 0.6928, 0.7283
CMYK	0.00, 0.64, 0.68, 0.14
HSL	4°, 68%, 57%
HSV	4°, 68%, 86%
XYZ	33.1553, 21.0462, 7.9900
YIQ	119.1330, 86.9250, 27.0930

Conversions

Conversions Part 2

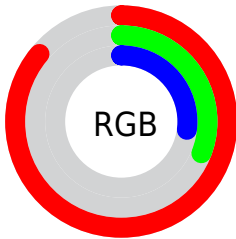
Format	Color
RYB	219, 79, 69
Decimal	14372421
CIELab	53.00, 54.56, 35.23
CIELCh	53, 64.946, 32.854
Yxy	21.0462, 0.5331, 0.3384
Android (android.graphics.Color)	4292562501 (0xFFDB4E45)
YUV	119.1330, -24.7156, 87.5834
Hunter-Lab	45.8761, 48.7212, 21.7870

Details

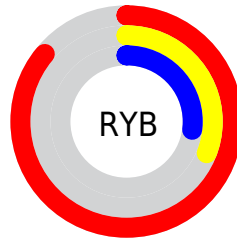
The CIELCh color **53, 64.946, 32.854** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **78, 37.366, 204.425**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 53.610, 33.114**, and **33, 64.874, 32.831** is the 20% darker color. If you saturate the color by 10%, you get **50, 75.512, 35.537**, and if you desaturate by 10%, it is **57, 54.117, 30.586**.

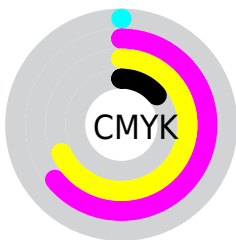
Distribution



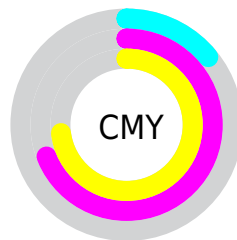
- Red (86%)
- Green (31%)
- Blue (27%)



- Red (86%)
- Yellow (31%)
- Blue (27%)



- Cyan (0%)
- Magenta (64%)
- Yellow (68%)
- Black (14%)



- Cyan (14%)
- Magenta (69%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 64.946, 32.854 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, 64.946, 32.854 by changing the saturation by 10% instead.

■ 53, 64.946, 32.854

■ 53, 64.946, 32.854

■ 100, 64.946,
32.854

■ 43, 64.946, 32.854

■ 73, 64.946, 32.854

■ 33, 64.946, 32.854

■ 83, 64.946, 32.854

■ 23, 64.946, 32.854

■ 93, 64.946, 32.854

■ 13, 64.946, 32.854

■ 3, 64.946, 32.854

■ 0, 64.946, 32.854

■ 53, 64.946, 32.854

■ 53, 64.946, 32.854

■ 50, 75.512, 35.537

■ 57, 54.117, 30.586

■ 48, 84.954, 38.241

■ 61, 43.472, 28.791

46, 91.648, 40.177

66, 33.274, 27.419

46, 92.550, 40.525

72, 23.672, 26.389

77, 14.734, 25.617

83, 6.465, 25.011

88, 1.165, 205.213

94, 8.207, 204.486

98, 12.007,
198.704

Harmonies

Complementary

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



53, 64.946, 32.854



78, 37.366, 204.425

Rectangle

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



53, 64.946, 32.854



53, 64.946, 82.854



53, 64.946, 212.854



53, 64.946, 262.854

Sweetspot

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



53, 64.943, 32.857



87, 19.193, 25.809



56, 85.352, 329.375



44, 13.138, 26.018



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, 64.943, 32.857



57, 89.366, 36.731



68, 55.101, 71.322



43, 4.376, 25.070



36, 77.408, 40.647



6, 22.895, 23.289

Inverse Universe

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



78, 37.366, 204.425



88, 45.049, 205.204



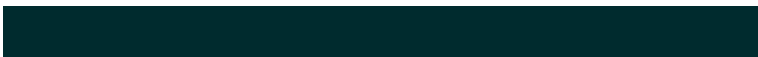
56, 48.733, 276.168



45, 4.118, 204.524



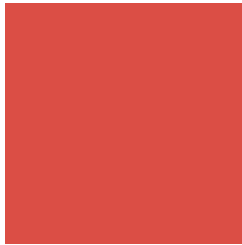
61, 34.711, 206.510



15, 14.108, 204.639

Previews

White Background



This preview shows how the CIELCh color 53, 64.946, 32.854 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, 64.946, 32.854 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, 64.946, 32.854

Background



This preview shows how black text looks on a background with the CIELCh color 53, 64.946, 32.854.



This preview shows how white text looks on a background with the CIELCh color 53, 64.946, 32.854.

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, 64.946, 32.854

Protanopia

53, 23.286, 96.254

Deuteranopia

53, 38.371, 79.477



Tritanopia
53, 62.864, 27.066

Trichromacy



Original Color
53, 64.946, 32.854

Protanomaly
52, 32.022, 51.536

Deuteranomaly
52, 44.183, 53.566

Tritanomaly
53, 63.709, 28.961

Monochromacy



Original Color
53, 64.946, 32.854

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 22.450, 26.548

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 64.946, 32.854 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, 78, 69)` looks like.

```
.text, #text, p{  
    color:rgb(219, 78, 69)  
}
```

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, 78, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 78, 69) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 64.946, 32.854 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, 78, 69) }
```

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

```
.border{ border-color:rgb(219, 78, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 78, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 78, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 78, 69);  
box-shadow:4px 4px 4px 4px rgb(219, 78,  
69) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 64.946, 32.854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 78, 69) }
```

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

```
.background{ background-color: rgb(219, 78,  
69) }
```

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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