

Converting Colors

CIELCh(56, 56.479, 29.633)

Have a look what the booklet for
CIELCh(56, 56.479, 29.633) contains.

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Color

CIELCh(56, 56.309, 29.516)

Conversions

Conversions Part 1

Format	Color
Hex	DC5E59
RGB	220, 94, 89
RGB Percent	86%, 37%, 35%
CMY	0.1376, 0.6317, 0.6513
CMYK	0.00, 0.57, 0.60, 0.14
HSL	2°, 65%, 61%
HSV	2°, 60%, 86%
XYZ	35.2831, 23.9124, 12.1914
YIQ	131.1040, 76.7010, 25.1570

Conversions

Conversions Part 2

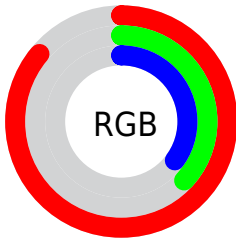
Format	Color
R_{YB}	220, 94, 89
Decimal	14442073
CIE _{Lab}	56.00, 49.00, 27.74
CIE _{LCh}	56, 56.309, 29.516
Yxy	23.9124, 0.4943, 0.3350
Android (android.graphics.Color)	4292632153 (0xFFDC5E59)
YUV	131.1040, -20.7573, 77.9618
Hunter-Lab	48.9003, 43.2177, 19.4486

Details

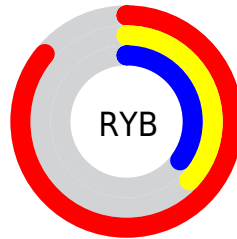
The CIELCh color **56, 56.309, 29.516** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **80, 35.464, 201.350**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 45.126, 29.652**, and **36, 56.269, 29.666** is the 20% darker color. If you saturate the color by 10%, you get **52, 67.142, 32.079**, and if you desaturate by 10%, it is **60, 45.535, 27.483**.

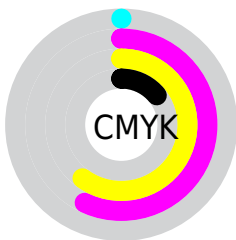
Distribution



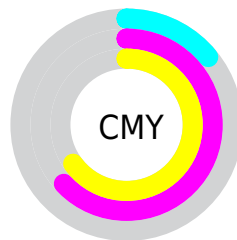
- Red (86%)
- Green (37%)
- Blue (35%)



- Red (86%)
- Yellow (37%)
- Blue (35%)



- Cyan (0%)
- Magenta (57%)
- Yellow (60%)
- Black (14%)



- Cyan (14%)
- Magenta (63%)
- Yellow (65%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 56.309, 29.516 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 56, 56.309, 29.516 by changing the saturation by 10% instead.

 56, 56.309, 29.516

 56, 56.309, 29.516

 100, 56.309,
29.516

 46, 56.309, 29.516

 76, 56.309, 29.516

 36, 56.309, 29.516

 86, 56.309, 29.516

 26, 56.309, 29.516

 96, 56.309, 29.516


 16, 56.309, 29.516

 6, 56.309, 29.516

 0, 56.309, 29.516

 56, 56.309, 29.516

 56, 56.309, 29.516

 52, 67.142, 32.079

 60, 45.535, 27.483

 49, 77.561, 35.073

 65, 35.129, 25.916

■ 47, 86.618, 38.036

■ 71, 25.278, 24.728

■ 46, 92.779, 40.213

■ 76, 16.076, 23.826

■ 46, 93.022, 40.323

■ 82, 7.546, 23.117

■ 88, 0.332, 204.490

■ 94, 7.607, 202.400

■ 98, 11.833,
198.715

Harmonies

Complementary

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



56, 56.309, 29.516



80, 35.464, 201.350

Rectangle

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



56, 56.309, 29.516



56, 56.309, 79.516



56, 56.309, 209.516



56, 56.309, 259.516

Sweetspot

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



56, 56.306, 29.519



88, 16.587, 23.717



59, 78.125, 328.463



45, 11.663, 23.948



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



56, 56.306, 29.519



60, 77.511, 32.659



70, 47.463, 71.081



43, 4.468, 23.109



36, 77.710, 40.383



6, 23.237, 22.147

Inverse Universe

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



80, 35.464, 201.350



90, 43.765, 201.511



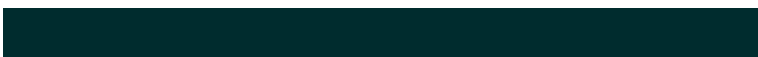
61, 41.536, 271.447



45, 4.206, 202.404



62, 35.638, 202.574



16, 14.434, 201.458

Previews

White Background



This preview shows how the CIELCh color 56, 56.309, 29.516 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 56, 56.309, 29.516 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 56, 56.309, 29.516

Background



This preview shows how black text looks on a background with the CIELCh color 56, 56.309, 29.516.

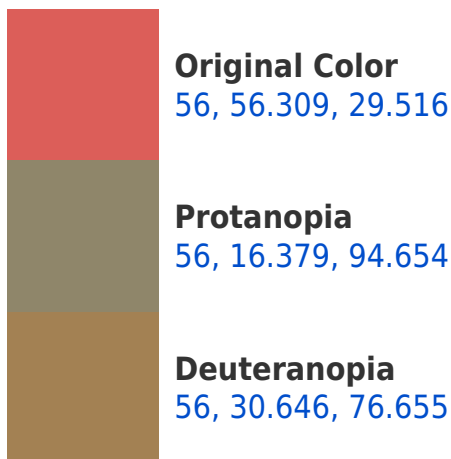


This preview shows how white text looks on a background with the CIELCh color 56, 56.309, 29.516.

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





Tritanopia
56, 55.128, 23.204

Trichromacy



Original Color
56, 56.309, 29.516

Protanomaly
55, 25.864, 46.028

Deuteranomaly
55, 36.699, 50.235

Tritanomaly
56, 55.451, 25.854

Monochromacy



Original Color
56, 56.309, 29.516

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 19.149, 24.941

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 56.309, 29.516 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(220, 94, 89)` looks like.

```
.text, #text, p{  
  color:rgb(220, 94, 89)  
}
```

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(220, 94, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 94, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 56.309, 29.516 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(220, 94, 89) }
```

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

```
.border{ border-color:rgb(220, 94, 89) }
```

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

Here you see how a box with a 4 pixel rgb(220, 94, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 94, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 94, 89);  
box-shadow:4px 4px 4px 4px rgb(220, 94,  
89) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 56.309, 29.516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 94, 89) }
```

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

```
.background{ background-color: rgb(220, 94,  
89) }
```

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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