

Converting Colors

CIELCh(54, 58.979, 23.428)

Have a look what the booklet for
CIELCh(54, 58.979, 23.428) contains.

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Color

CIELCh(54, 58.695, 23.479)

Conversions

Conversions Part 1

Format	Color
Hex	DB535C
RGB	219, 83, 92
RGB Percent	86%, 33%, 36%
CMY	0.1418, 0.6750, 0.6397
CMYK	0.00, 0.62, 0.58, 0.14
HSL	356°, 65%, 59%
HSV	356°, 62%, 86%
XYZ	34.1795, 21.9746, 12.5393
YIQ	124.6900, 78.1670, 31.6310

Conversions

Conversions Part 2

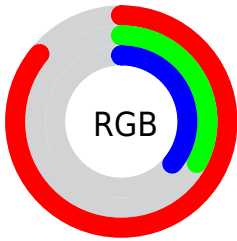
Format	Color
R_{YB}	219, 83, 92
Decimal	14373724
CIE Lab	54.00, 53.84, 23.38
CIE LCh	54, 58.695, 23.479
Yxy	21.9746, 0.4976, 0.3199
Android (android.graphics.Color)	4292563804 (0xFFDB535C)
YUV	124.6900, -16.1162, 82.7099
Hunter-Lab	46.8770, 48.1150, 16.9542

Details

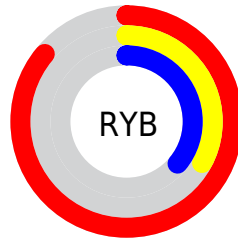
The CIELCh color **54, 58.695, 23.479** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **80, 39.138, 189.590**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 48.044, 21.932**, and **34, 58.818, 23.593** is the 20% darker color. If you saturate the color by 10%, you get **50, 68.558, 26.810**, and if you desaturate by 10%, it is **58, 48.487, 20.832**.

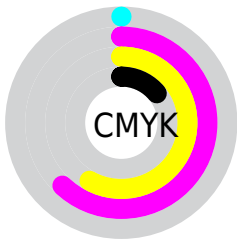
Distribution



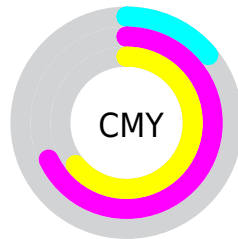
- Red (86%)
- Green (33%)
- Blue (36%)



- Red (86%)
- Yellow (33%)
- Blue (36%)



- Cyan (0%)
- Magenta (62%)
- Yellow (58%)
- Black (14%)



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 58.695, 23.479 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, 58.695, 23.479 by changing the saturation by 10% instead.

 54, 58.695, 23.479

 54, 58.695, 23.479

 100, 58.695,
23.479

 44, 58.695, 23.479

 74, 58.695, 23.479

 34, 58.695, 23.479

 84, 58.695, 23.479

 24, 58.695, 23.479

 94, 58.695, 23.479

 14, 58.695, 23.479

 4, 58.695, 23.479

 0, 58.695, 23.479

 54, 58.695, 23.479

 54, 58.695, 23.479

 50, 68.558, 26.810

 58, 48.487, 20.832

 48, 77.715, 30.784

 63, 38.287, 18.761

46, 85.656, 35.025

69, 28.368, 17.143

46, 90.498, 37.808

74, 18.912, 15.865

80, 10.014, 14.827

86, 1.700, 13.727

92, 6.046, 193.492

98, 12.174,
198.693

Harmonies

Complementary

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



54, 58.695, 23.479



80, 39.138, 189.590

Rectangle

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



54, 58.695, 23.479



54, 58.695, 73.479



54, 58.695, 203.479



54, 58.695, 253.479

Sweetspot

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



54, 58.692, 23.482



87, 18.195, 15.536



57, 81.607, 325.433



45, 12.646, 15.855



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, 58.692, 23.482



57, 80.672, 28.142



66, 49.043, 61.158



43, 4.649, 14.573



36, 75.510, 37.222



5, 23.753, 17.411

Inverse Universe

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



54, 58.692, 23.482



57, 80.672, 28.142



63, 37.516, 260.719



43, 4.649, 14.573



36, 75.510, 37.222



5, 23.753, 17.411

Previews

White Background



This preview shows how the CIELCh color 54, 58.695, 23.479 looks on a white background.

Color Contrast Check

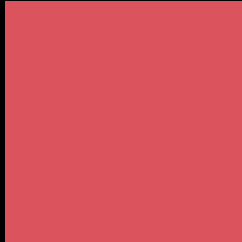
Large Text (above 18pt) WCAG AA ✓ Pass

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, 58.695, 23.479 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, 58.695, 23.479

Background



This preview shows how black text looks on a background with the CIELCh color 54, 58.695, 23.479.



This preview shows how white text looks on a background with the CIELCh color 54, 58.695, 23.479.

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, 58.695, 23.479

Protanopia

54, 9.626, 91.337

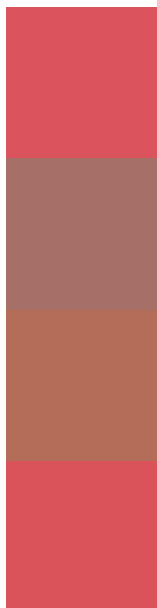
Deuteranopia

54, 26.916, 74.723



Tritanopia
54, 59.196, 25.059

Trichromacy



Original Color
54, 58.695, 23.479

Protanomaly
53, 24.049, 31.573

Deuteranomaly
53, 34.726, 42.581

Tritanomaly
54, 59.024, 24.536

Monochromacy



Original Color
54, 58.695, 23.479

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 20.852, 17.252

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 58.695, 23.479 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, 83, 92)` looks like.

```
.text, #text, p{  
    color:rgb(219, 83, 92)  
}
```

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, 83, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 83, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 58.695, 23.479 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, 83, 92) }
```

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

```
.border{ border-color:rgb(219, 83, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 83, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 83, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 83, 92);  
box-shadow:4px 4px 4px 4px rgb(219, 83,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 58.695, 23.479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 83, 92) }
```

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

```
.background{ background-color: rgb(219, 83,  
92) }
```

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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