

Converting Colors

CIELCh(51, 70.341, 24.579)

Have a look what the booklet for
CIELCh(51, 70.341, 24.579) contains.

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Color

CIELCh(51, 70.341, 24.579)

Conversions

Conversions Part 1

Format	Color
Hex	E03A4C
RGB	224, 58, 76
RGB Percent	88%, 23%, 30%
CMY	0.1234, 0.7744, 0.7033
CMYK	0.00, 0.74, 0.66, 0.12
HSL	353°, 73%, 55%
HSV	353°, 74%, 88%
XYZ	33.3786, 19.2686, 8.7354
YIQ	109.6860, 93.1580, 40.7900

Conversions

Conversions Part 2

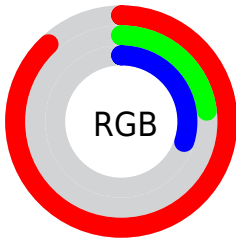
Format	Color
RYB	224, 58, 76
Decimal	14694988
CIELab	51.00, 63.97, 29.26
CIELCh	51, 70.341, 24.579
Yxy	19.2686, 0.5438, 0.3139
Android (android.graphics.Color)	4292885068 (0xFFE03A4C)
YUV	109.6860, -16.6072, 100.2534
Hunter-Lab	43.8960, 58.9135, 18.9283

Details

The CIELCh color **51, 70.341, 24.579** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **81, 45.430, 183.967**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 57.380, 22.031**, and **33, 65.588, 28.921** is the 20% darker color. If you saturate the color by 10%, you get **49, 78.873, 28.863**, and if you desaturate by 10%, it is **54, 60.953, 21.013**.

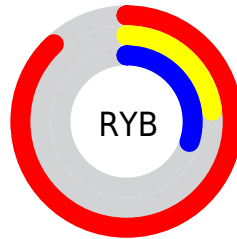
Distribution



Red (88%)

Green (23%)

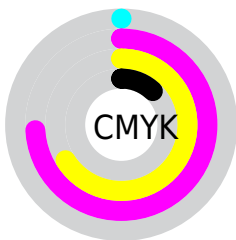
Blue (30%)



Red (88%)

Yellow (23%)

Blue (30%)

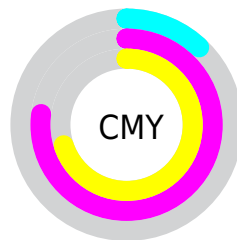


Cyan (0%)

Magenta (74%)

Yellow (66%)

Black (12%)



Cyan (12%)

Magenta (77%)

Yellow (70%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 70.341, 24.579 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 51, 70.341, 24.579 by changing the saturation by 10% instead.

 51, 70.341, 24.579

 51, 70.341, 24.579

 100, 70.341,
24.579

 41, 70.341, 24.579

 71, 70.341, 24.579

 31, 70.341, 24.579

 81, 70.341, 24.579

 21, 70.341, 24.579

 91, 70.341, 24.579

 11, 70.341, 24.579

 1, 70.341, 24.579

 0, 70.341, 24.579

 51, 70.341, 24.579

 51, 70.341, 24.579

 49, 78.873, 28.863

 54, 60.953, 21.013

 47, 86.252, 33.527

 59, 51.025, 18.169

47, 89.875, 35.939

63, 40.909, 15.936

69, 30.918, 14.178

74, 21.279, 12.776

80, 12.124, 11.630

86, 3.508, 10.588

93, 4.564, 190.109

98, 10.656,
198.455

Harmonies

Complementary

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



51, 70.341, 24.579



81, 45.430, 183.967

Rectangle

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



51, 70.341, 24.579



51, 70.341, 74.579



51, 70.341, 204.579



51, 70.341, 254.579

Sweetspot

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



51, 70.338, 24.581



85, 21.335, 12.517



53, 93.926, 324.051



44, 14.454, 12.856



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



51, 70.338, 24.581



54, 91.711, 31.373



61, 61.853, 55.453



44, 4.768, 11.138



37, 74.513, 35.193



6, 25.335, 16.334

Inverse Universe

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



51, 70.338, 24.581



54, 91.711, 31.373



63, 41.436, 258.432



44, 4.768, 11.138



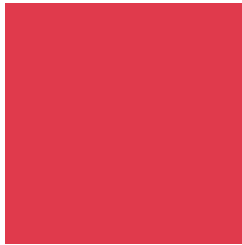
37, 74.513, 35.193



6, 25.335, 16.334

Previews

White Background



This preview shows how the CIELCh color 51, 70.341, 24.579 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 51, 70.341, 24.579 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 51, 70.341, 24.579

Background



This preview shows how black text looks on a background with the CIELCh color 51, 70.341, 24.579.



This preview shows how white text looks on a background with the CIELCh color 51, 70.341, 24.579.

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

51, 70.341, 24.579

Protanopia

51, 12.519, 94.717

Deuteranopia

51, 32.511, 77.951



Tritanopia
51, 72.586, 30.815

Trichromacy



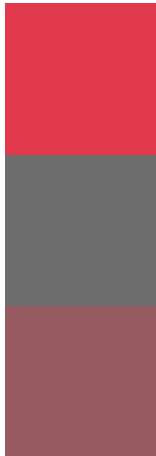
Original Color
51, 70.341, 24.579

Protanomaly
49, 29.194, 30.863

Deuteranomaly
49, 41.916, 43.353

Tritanomaly
51, 71.615, 28.568

Monochromacy



Original Color
51, 70.341, 24.579

Achromatopsia
46, 0.006, 296.813

Achromatomaly
45, 26.820, 14.585

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 70.341, 24.579 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(224, 58, 76)` looks like.

```
.text, #text, p{  
    color:rgb(224, 58, 76)  
}
```

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(224, 58, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 58, 76) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 70.341, 24.579 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(224, 58, 76) }
```

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

```
.border{ border-color:rgb(224, 58, 76) }
```

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

Here you see how a box with a 4 pixel rgb(224, 58, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 58, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 58, 76);  
box-shadow:4px 4px 4px 4px rgb(224, 58,  
76) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 70.341, 24.579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 58, 76) }
```

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

```
.background{ background-color: rgb(224, 58,  
76) }
```

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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