

Converting Colors

CIELCh(54, 87.289, 23.526)

Have a look what the booklet for
CIELCh(54, 87.289, 23.526) contains.

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Color

CIELCh(54, 87.229, 23.445)

Conversions

Conversions Part 1

Format	Color
Hex	FE124B
RGB	254, 18, 75
RGB Percent	100%, 7%, 29%
CMY	0.0044, 0.9306, 0.7062
CMYK	0.00, 0.93, 0.70, 0.00
HSL	345°, 99%, 53%
HSV	345°, 93%, 100%
XYZ	42.3030, 21.9746, 8.6521
YIQ	95.0620, 122.3590, 67.7590

Conversions

Conversions Part 2

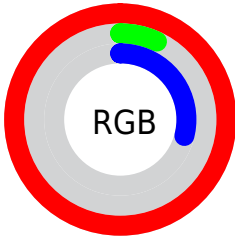
Format	Color
R_{YB}	254, 18, 75
Decimal	16650827
CIE _{Lab}	54.00, 80.03, 34.71
CIE _{LCh}	54, 87.229, 23.445
Yxy	21.9746, 0.5801, 0.3013
Android (android.graphics.Color)	4294840907 (0xFFFE124B)
YUV	95.0620, -9.8906, 139.3886
Hunter-Lab	46.8770, 79.0481, 21.8707

Details

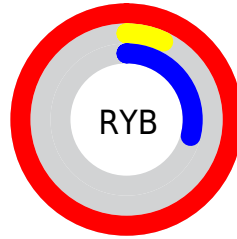
The CIELCh color **54, 87.229, 23.445** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **89, 63.951, 167.776**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 63.017, 16.925**, and **39, 75.423, 31.670** is the 20% darker color. If you saturate the color by 10%, you get **53, 91.009, 27.326**, and if you desaturate by 10%, it is **56, 81.102, 18.265**.

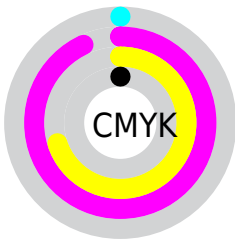
Distribution



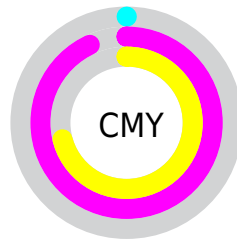
- Red (100%)
- Green (7%)
- Blue (29%)



- Red (100%)
- Yellow (7%)
- Blue (29%)



- Cyan (0%)
- Magenta (93%)
- Yellow (70%)
- Black (0%)



- Cyan (0%)
- Magenta (93%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 87.229, 23.445 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, 87.229, 23.445 by changing the saturation by 10% instead.

 54, 87.229, 23.445

 54, 87.229, 23.445

 100, 87.229,
23.445

 44, 87.229, 23.445

 74, 87.229, 23.445

 34, 87.229, 23.445

 84, 87.229, 23.445

 24, 87.229, 23.445

 94, 87.229, 23.445

 14, 87.229, 23.445

 4, 87.229, 23.445

 0, 87.229, 23.445

 54, 87.229, 23.445

 54, 87.229, 23.445

 53, 91.009, 27.326

 56, 81.102, 18.265

 58, 73.606, 13.957

62, 64.732, 10.523

67, 54.801, 7.818

72, 44.266, 5.676

78, 33.547, 3.951

84, 22.960, 2.531

91, 12.703, 1.328

98, 2.883, 0.161

Harmonies

Complementary

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



54, 87.229, 23.445



89, 63.951, 167.776

Rectangle

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



54, 87.229, 23.445



54, 87.229, 73.445



54, 87.229, 203.445



54, 87.229, 253.445

Sweetspot

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



54, 87.225, 23.447



82, 28.296, 3.206



51, 116.395, 319.252



41, 19.684, 3.842



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, 87.225, 23.447



54, 91.327, 27.340



58, 92.266, 45.279



50, 5.518, 0.938



40, 72.964, 26.269



10, 31.742, 16.448

Inverse Universe

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



54, 87.225, 23.447



54, 91.327, 27.340



74, 44.677, 243.987



50, 5.518, 0.938



40, 72.964, 26.269



10, 31.742, 16.448

Previews

White Background



This preview shows how the CIELCh color 54, 87.229, 23.445 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, 87.229, 23.445 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, 87.229, 23.445

Background



This preview shows how black text looks on a background with the CIELCh color 54, 87.229, 23.445.



This preview shows how white text looks on a background with the CIELCh color 54, 87.229, 23.445.

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, 87.229, 23.445

Protanopia

54, 11.401, 91.605

Deuteranopia

54, 38.707, 79.880



Tritanopia
54, 96.416, 37.639

Trichromacy



Original Color
54, 87.229, 23.445



Protanomaly
49, 39.319, 18.575



Deuteranomaly
50, 53.071, 36.896



Tritanomaly
54, 92.757, 33.177

Monochromacy



Original Color
54, 87.229, 23.445



Achromatopsia
40, 0.006, 296.813



Achromatomaly
40, 38.478, 7.987

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 87.229, 23.445 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(254, 18, 75)` looks like.

```
.text, #text, p{  
  color:rgb(254, 18, 75)  
}
```

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(254, 18, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 18, 75) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 87.229, 23.445 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(254, 18, 75) }
```

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

```
.border{ border-color:rgb(254, 18, 75) }
```

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

Here you see how a box with a 4 pixel rgb(254, 18, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 18, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 18, 75);  
box-shadow:4px 4px 4px 4px rgb(254, 18,  
75) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 87.229, 23.445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 18, 75) }
```

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

```
.background{ background-color: rgb(254, 18,  
75) }
```

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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