

Converting Colors

CIELCh(44, 53.025, 26.431)

Have a look what the booklet for
CIELCh(44, 53.025, 26.431) contains.

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Color

CIELCh(44, 53.115, 26.273)

Conversions

Conversions Part 1

Format	Color
Hex	B54044
RGB	181, 64, 68
RGB Percent	71%, 25%, 27%
CMY	0.2914, 0.7501, 0.7342
CMYK	0.00, 0.65, 0.62, 0.29
HSL	358°, 48%, 48%
HSV	358°, 65%, 71%
XYZ	21.8399, 13.8382, 6.9521
YIQ	99.4390, 68.4480, 26.0480

Conversions

Conversions Part 2

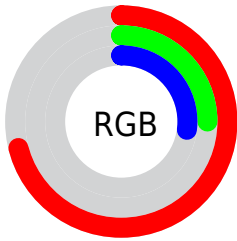
Format	Color
R _Y B	181, 64, 68
Decimal	11878468
CIE Lab	44.00, 47.63, 23.51
CIE LCh	44, 53.115, 26.273
Yxy	13.8382, 0.5123, 0.3246
Android (android.graphics.Color)	4290068548 (0xFFB54044)
YUV	99.4390, -15.4994, 71.5290
Hunter-Lab	37.1997, 39.6976, 14.9594

Details

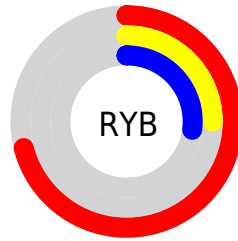
The CIELCh color **44, 53.115, 26.273** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **67, 33.862, 192.912**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 53.360, 26.138**, and **24, 52.743, 26.893** is the 20% darker color. If you saturate the color by 10%, you get **41, 61.800, 29.586**, and if you desaturate by 10%, it is **48, 44.143, 23.601**.

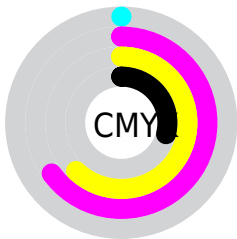
Distribution



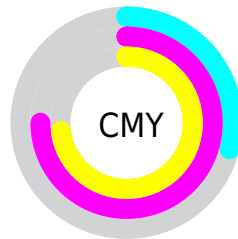
- Red (71%)
- Green (25%)
- Blue (27%)



- Red (71%)
- Yellow (25%)
- Blue (27%)



- Cyan (0%)
- Magenta (65%)
- Yellow (62%)
- Black (29%)



- Cyan (29%)
- Magenta (75%)
- Yellow (73%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 53.115, 26.273 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 44, 53.115, 26.273 by changing the saturation by 10% instead.

■ 44, 53.115, 26.273

■ 44, 53.115, 26.273

■ 100, 53.115,
26.273

■ 34, 53.115, 26.273

■ 64, 53.115, 26.273

■ 24, 53.115, 26.273

■ 74, 53.115, 26.273

■ 14, 53.115, 26.273

■ 84, 53.115, 26.273

■ 4, 53.115, 26.273

■ 94, 53.115, 26.273

■ 0, 53.115, 26.273

■ 44, 53.115, 26.273

■ 44, 53.115, 26.273

■ 41, 61.800, 29.586

■ 48, 44.143, 23.601

■ 39, 69.817, 33.398

■ 52, 35.196, 21.505

38, 76.450, 37.127

56, 26.509, 19.877

37, 79.212, 38.579

61, 18.244, 18.606

66, 10.480, 17.596

71, 3.243, 16.701

76, 3.482, 196.371

82, 9.730, 195.760

87, 15.545,
195.314

Harmonies

Complementary

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



44, 53.115, 26.273



67, 33.862, 192.912

Rectangle

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



44, 53.115, 26.273



44, 53.115, 76.273



44, 53.115, 206.273



44, 53.115, 256.273

Sweetspot

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



44, 53.112, 26.276



81, 16.999, 18.033



47, 72.399, 326.007



41, 11.809, 18.323



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



44, 53.112, 26.276



52, 79.750, 31.293



55, 43.870, 62.549



35, 3.911, 17.118



31, 69.651, 38.135



2, 9.167, 17.188

Inverse Universe

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



44, 53.112, 26.276



52, 79.750, 31.293



52, 34.071, 263.470



35, 3.911, 17.118



31, 69.651, 38.135



2, 9.167, 17.188

Previews

White Background



This preview shows how the CIELCh color 44, 53.115, 26.273 looks on a white 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

Black Background



This preview shows how the CIELCh color 44, 53.115, 26.273 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 44, 53.115, 26.273

Background



This preview shows how black text looks on a background with the CIELCh color 44, 53.115, 26.273.



This preview shows how white text looks on a background with the CIELCh color 44, 53.115, 26.273.

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

44, 53.115, 26.273

Protanopia

44, 12.177, 95.858

Deuteranopia

44, 26.221, 77.412



Tritanopia
44, 53.317, 26.866

Trichromacy



Original Color
44, 53.115, 26.273

Protanomaly
43, 22.469, 38.799

Deuteranomaly
43, 32.711, 46.847

Tritanomaly
44, 53.317, 26.866

Monochromacy



Original Color
44, 53.115, 26.273

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 19.147, 18.636

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 53.115, 26.273 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(181, 64, 68)` looks like.

```
.text, #text, p{  
    color:rgb(181, 64, 68)  
}
```

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(181, 64, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 64, 68) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 53.115, 26.273 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(181, 64, 68) }
```

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

```
.border{ border-color:rgb(181, 64, 68) }
```

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

Here you see how a box with a 4 pixel rgb(181, 64, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 64, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 64, 68);  
box-shadow:4px 4px 4px 4px rgb(181, 64,  
68) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 53.115, 26.273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 64, 68) }
```

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

```
.background{ background-color: rgb(181, 64,  
68) }
```

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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