

Converting Colors

CIELCh(44, 51.761, 14.953)

Have a look what the booklet for
CIELCh(44, 51.761, 14.953) contains.

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Color

CIELCh(44, 51.895, 15.077)

Conversions

Conversions Part 1

Format	Color
Hex	B53D54
RGB	181, 61, 84
RGB Percent	71%, 24%, 33%
CMY	0.2896, 0.7602, 0.6701
CMYK	0.00, 0.66, 0.54, 0.29
HSL	349°, 50%, 48%
HSV	349°, 66%, 71%
XYZ	22.3749, 13.8382, 9.9053
YIQ	99.5020, 64.1370, 32.5930

Conversions

Conversions Part 2

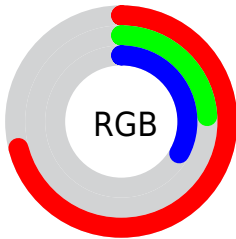
Format	Color
RYB	181, 61, 84
Decimal	11877716
CIELab	44.00, 50.11, 13.50
CIELCh	44, 51.895, 15.077
Yxy	13.8382, 0.4852, 0.3001
Android (android.graphics.Color)	4290067796 (0xFFB53D54)
YUV	99.5020, -7.6425, 71.4737
Hunter-Lab	37.1997, 42.2649, 10.2525

Details

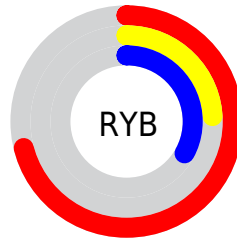
The CIELCh color **44, 51.895, 15.077** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **67, 38.678, 177.047**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 51.872, 15.188**, and **25, 50.245, 17.377** is the 20% darker color. If you saturate the color by 10%, you get **41, 58.919, 18.680**, and if you desaturate by 10%, it is **47, 44.166, 12.219**.

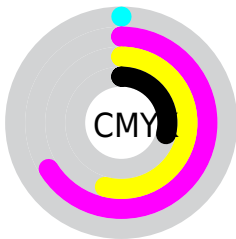
Distribution



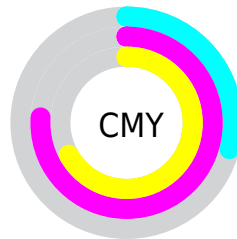
- Red (71%)
- Green (24%)
- Blue (33%)



- Red (71%)
- Yellow (24%)
- Blue (33%)



- Cyan (0%)
- Magenta (66%)
- Yellow (54%)
- Black (29%)









- Cyan (29%)
- Magenta (76%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 51.895, 15.077 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, 51.895, 15.077 by changing the saturation by 10% instead.

 44, 51.895, 15.077	 44, 51.895, 15.077
 100, 51.895, 15.077	 34, 51.895, 15.077
 64, 51.895, 15.077	 24, 51.895, 15.077
 74, 51.895, 15.077	 14, 51.895, 15.077
 84, 51.895, 15.077	 4, 51.895, 15.077
 94, 51.895, 15.077	 0, 51.895, 15.077

 44, 51.895, 15.077	 44, 51.895, 15.077
 41, 58.919, 18.680	 47, 44.166, 12.219
 39, 65.049, 23.097	 51, 36.044, 9.956

38, 70.300, 28.180

56, 27.822, 8.146

38, 72.244, 30.006

61, 19.730, 6.674

65, 11.917, 5.447

71, 4.461, 4.362

76, 2.606, 183.780

81, 9.286, 182.891

86, 15.596,
182.205

Harmonies

Complementary

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



44, 51.895, 15.077



67, 38.678, 177.047

Rectangle

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



44, 51.895, 15.077



44, 51.895, 65.077



44, 51.895, 195.077



44, 51.895, 245.077

Sweetspot

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



44, 51.892, 15.079



80, 18.293, 5.925



44, 73.040, 321.308



41, 12.555, 6.266



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, 51.892, 15.079



52, 74.672, 20.381



50, 46.786, 48.825



36, 4.127, 4.697



32, 64.158, 29.302



2, 10.885, 7.931

Inverse Universe

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



44, 51.892, 15.079



52, 74.672, 20.381



57, 29.727, 242.136



36, 4.127, 4.697



32, 64.158, 29.302



2, 10.885, 7.931

Previews

White Background



This preview shows how the CIELCh color 44, 51.895, 15.077 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 CIE LCh color 44, 51.895, 15.077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

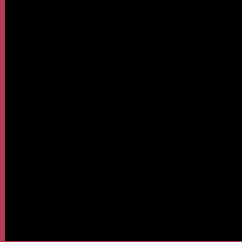
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 51.895, 15.077

Background



This preview shows how black text looks on a background with the CIELCh color 44, 51.895, 15.077.



This preview shows how white text looks on a background with the CIELCh color 44, 51.895, 15.077.

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, 51.895, 15.077

Protanopia

44, 1.464, 324.428

Deuteranopia

44, 17.302, 68.737



Tritanopia
44, 52.694, 26.186

Trichromacy



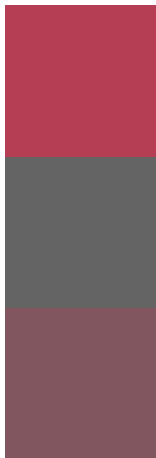
Original Color
44, 51.895, 15.077

Protanomaly
43, 20.178, 5.322

Deuteranomaly
43, 27.525, 30.464

Tritanomaly
44, 51.953, 22.081

Monochromacy



Original Color
44, 51.895, 15.077

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 19.657, 8.351

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 51.895, 15.077 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, 61, 84)` looks like.

```
.text, #text, p{  
    color:rgb(181, 61, 84)  
}
```

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, 61, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 61, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 51.895, 15.077 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, 61, 84) }
```

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

```
.border{ border-color:rgb(181, 61, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 61, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 61, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 61, 84);  
box-shadow:4px 4px 4px 4px rgb(181, 61,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 51.895, 15.077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 61, 84) }
```

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

```
.background{ background-color: rgb(181, 61,  
84) }
```

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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