

Converting Colors

CIELCh(44, 51.685, 14.258)

Have a look what the booklet for
CIELCh(44, 51.685, 14.258) contains.

CIELCh(44, 51.826, 14.427)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(44, 51.826, 14.427)

Conversions

Conversions Part 1

Format	Color
Hex	B53D55
RGB	181, 61, 85
RGB Percent	71%, 24%, 33%
CMY	0.2898, 0.7604, 0.6664
CMYK	0.00, 0.66, 0.53, 0.29
HSL	348°, 50%, 47%
HSV	348°, 66%, 71%
XYZ	22.3930, 13.8382, 10.1003
YIQ	99.6160, 63.8160, 32.9040

Conversions

Conversions Part 2

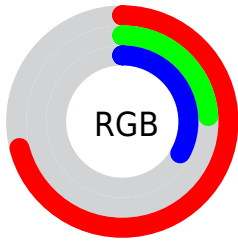
Format	Color
RYB	181, 61, 85
Decimal	11877717
CIELab	44.00, 50.19, 12.91
CIELCh	44, 51.826, 14.427
Yxy	13.8382, 0.4833, 0.2987
Android (android.graphics.Color)	4290067797 (0xFFB53D55)
YUV	99.6160, -7.2057, 71.3738
Hunter-Lab	37.1997, 42.3516, 9.9417

Details

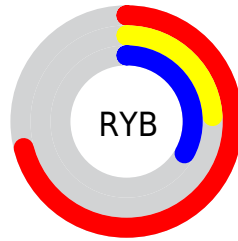
The CIELCh color **44, 51.826, 14.427** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **67, 38.966, 176.302**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 51.828, 14.585**, and **25, 50.106, 16.636** is the 20% darker color. If you saturate the color by 10%, you get **41, 58.768, 18.020**, and if you desaturate by 10%, it is **47, 44.155, 11.579**.

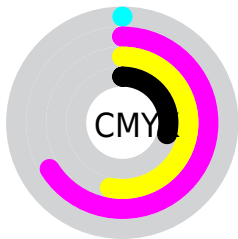
Distribution



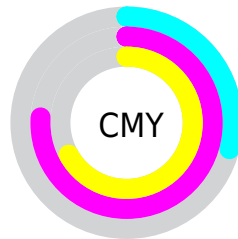
- Red (71%)
- Green (24%)
- Blue (33%)



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



- Cyan (0%)
- Magenta (66%)
- Yellow (53%)
- Black (29%)



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 51.826, 14.427 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, 51.826, 14.427 by changing the saturation by 10% instead.

 44, 51.826, 14.427

 44, 51.826, 14.427

 100, 51.826,
14.427

 34, 51.826, 14.427

 64, 51.826, 14.427

 24, 51.826, 14.427

 74, 51.826, 14.427

 14, 51.826, 14.427

 84, 51.826, 14.427

 4, 51.826, 14.427

 94, 51.826, 14.427

 0, 51.826, 14.427

 44, 51.826, 14.427

 44, 51.826, 14.427

 41, 58.768, 18.020

 47, 44.155, 11.579

 39, 64.793, 22.437

 51, 36.070, 9.321

38, 69.929, 27.544

56, 27.867, 7.514

38, 71.826, 29.378

61, 19.780, 6.042

65, 11.960, 4.813

71, 4.489, 3.724

76, 2.599, 183.135

81, 9.305, 182.240

86, 15.645,
181.547

Harmonies

Complementary

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



44, 51.826, 14.427



67, 38.966, 176.302

Rectangle

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



44, 51.826, 14.427



44, 51.826, 64.427



44, 51.826, 194.427



44, 51.826, 244.427

Sweetspot

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



44, 51.823, 14.429



80, 18.335, 5.289



44, 73.037, 321.308



41, 12.581, 5.630



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, 51.823, 14.429



52, 75.194, 20.156



50, 46.790, 48.825



36, 4.139, 4.057



32, 63.813, 28.668



2, 10.905, 7.442

Inverse Universe

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



44, 51.823, 14.429



52, 75.194, 20.156



57, 29.725, 242.142



36, 4.139, 4.057



32, 63.813, 28.668



2, 10.905, 7.442

Previews

White Background



This preview shows how the CIELCh color 44, 51.826, 14.427 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, 51.826, 14.427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

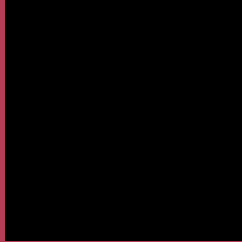
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 51.826, 14.427

Background



This preview shows how black text looks on a background with the CIELCh color 44, 51.826, 14.427.



This preview shows how white text looks on a background with the CIELCh color 44, 51.826, 14.427.

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, 51.826, 14.427

Protanopia

44, 1.987, 314.723

Deuteranopia

44, 16.512, 68.790



Tritanopia
44, 52.694, 26.186

Trichromacy



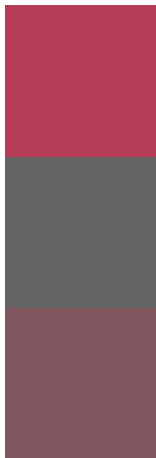
Original Color
44, 51.826, 14.427

Protanomaly
43, 20.289, 3.675

Deuteranomaly
43, 26.877, 29.345

Tritanomaly
44, 51.953, 22.081

Monochromacy



Original Color
44, 51.826, 14.427

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 19.313, 6.200

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 51.826, 14.427 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, 85)` looks like.

```
.text, #text, p{  
    color:rgb(181, 61, 85)  
}
```

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, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 61, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 51.826, 14.427 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, 85) }
```

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

```
.border{ border-color:rgb(181, 61, 85) }
```

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, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 61, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 61, 85);  
box-shadow:4px 4px 4px 4px rgb(181, 61,  
85) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 51.826, 14.427 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, 85) }
```

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

```
.background{ background-color: rgb(181, 61,  
85) }
```

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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