

Converting Colors

CIELCh(44, 51.515, 0.151)

Have a look what the booklet for
CIELCh(44, 51.515, 0.151) contains.

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Color

CIELCh(44, 51.249, 359.892)

Conversions

Conversions Part 1

Format	Color
Hex	B23D6A
RGB	178, 61, 106
RGB Percent	70%, 24%, 42%
CMY	0.3020, 0.7608, 0.5844
CMYK	0.00, 0.66, 0.40, 0.30
HSL	337°, 49%, 47%
HSV	337°, 66%, 70%
XYZ	22.6238, 13.8382, 15.1097
YIQ	101.1130, 55.2870, 38.7990

Conversions

Conversions Part 2

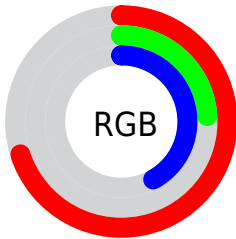
Format	Color
R_{YB}	178, 61, 106
Decimal	11681130
CIE _{Lab}	44.00, 51.25, -0.10
CIE _{LCh}	44, 51.249, 359.892
Yxy	13.8382, 0.4387, 0.2683
Android (android.graphics.Color)	4289871210 (0xFFB23D6A)
YUV	101.1130, 2.4093, 67.4299
Hunter-Lab	37.1997, 43.4589, 1.9575

Details

The CIELCh color **44, 51.249, 359.892** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **65, 45.485, 162.611**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 51.313, 359.827**, and **25, 48.872, 1.433** is the 20% darker color. If you saturate the color by 10%, you get **41, 56.905, 2.774**, and if you desaturate by 10%, it is **47, 44.403, 357.606**.

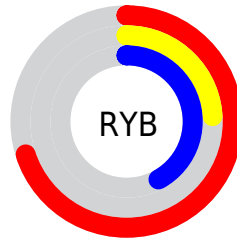
Distribution



Red (70%)

Green (24%)

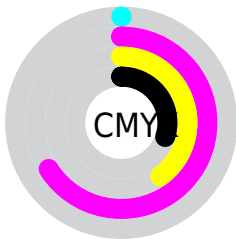
Blue (42%)



Red (70%)

Yellow (24%)

Blue (42%)

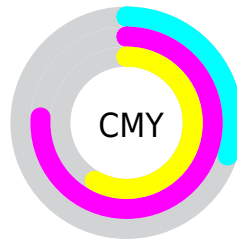


Cyan (0%)

Magenta (66%)

Yellow (40%)

Black (30%)



Cyan (30%)


Magenta (76%)


Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 51.249, 359.892 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, 51.249, 359.892 by changing the saturation by 10% instead.


 44, 51.249,
359.892


 44, 51.249,
359.892


 100, 51.249,
359.892


 34, 51.249,
359.892

 64, 51.249,
359.892


 24, 51.249,
359.892

 74, 51.249,
359.892

 14, 51.249,
359.892

 84, 51.249,
359.892

 4, 51.249, 359.892

 94, 51.249,
359.892

 0, 51.249, 359.892

 44, 51.249,

 44, 51.249,

359.892

359.892

■ 41, 56.905, 2.774

■ 47, 44.403,
357.606

■ 39, 61.103, 6.421

■ 51, 36.765,
355.759

■ 38, 63.860, 10.960

■ 38, 64.929, 13.001

■ 56, 28.702,
354.232

■ 60, 20.505,
352.940

■ 65, 12.375,
351.819

■ 70, 4.440, 350.788

■ 75, 3.233, 170.144

■ 80, 10.614,
169.279

■ 85, 17.695,
168.559

Harmonies

Complementary

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



44, 51.249, 359.892



65, 45.485, 162.611

Rectangle

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



44, 51.249, 359.892



44, 51.249, 49.892



44, 51.249, 179.892



44, 51.249, 229.892

Sweetspot

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



44, 51.246, 359.893



80, 19.643, 352.319



40, 71.121, 315.182



41, 13.558, 352.634



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, 51.246, 359.893



53, 72.004, 4.359



45, 50.952, 34.260



35, 4.421, 351.159



32, 57.991, 12.301



2, 10.022, 356.164

Inverse Universe

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



44, 51.246, 359.893



53, 72.004, 4.359



63, 29.996, 209.803



35, 4.421, 351.159



32, 57.991, 12.301



2, 10.022, 356.164

Previews

White Background



This preview shows how the CIELCh color 44, 51.249, 359.892 looks on a white background.

Color Contrast Check

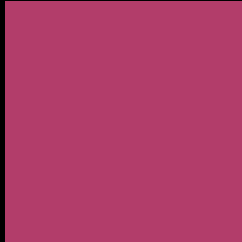
Large Text (above 18pt) WCAG AA ✓ Pass

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, 51.249, 359.892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

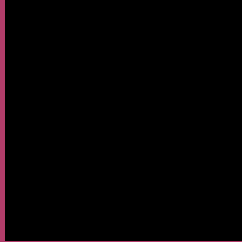
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 51.249, 359.892

Background



This preview shows how black text looks on a background with the CIELCh color 44, 51.249, 359.892.



This preview shows how white text looks on a background with the CIELCh color 44, 51.249, 359.892.

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





Tritanopia
44, 48.812, 24.435

Trichromacy



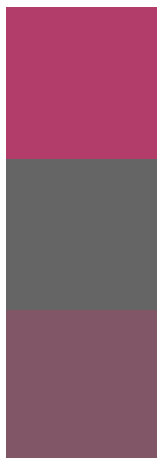
Original Color
44, 51.249, 359.892

Protanomaly
43, 25.931, 329.067

Deuteranomaly
43, 24.247, 0.175

Tritanomaly
44, 48.823, 15.123

Monochromacy



Original Color
44, 51.249, 359.892

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 20.650, 353.082

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 51.249, 359.892 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(178, 61, 106)` looks like.

```
.text, #text, p{  
    color:rgb(178, 61, 106)  
}
```

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(178, 61, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 61, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 51.249, 359.892 is called "border". The border property can be set on classes, ids or directly on the HTML element.

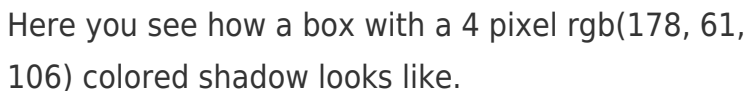
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 61, 106) }
```

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

```
.border{ border-color:rgb(178, 61, 106) }
```

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



Here you see how a box with a 4 pixel `rgb(178, 61, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 61, 106); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 61, 106); box-shadow:4px 4px 4px 4px rgb(178, 61, 106) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 51.249, 359.892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 61, 106) }
```

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

```
.background{ background-color: rgb(178, 61,  
106) }
```

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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