

Converting Colors

CIELCh(44, 56.230, 29.745)

Have a look what the booklet for
CIELCh(44, 56.230, 29.745) contains.

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Color

CIELCh(44, 56.056, 29.605)

Conversions

Conversions Part 1

Format	Color
Hex	B73E3D
RGB	183, 62, 61
RGB Percent	72%, 24%, 24%
CMY	0.2825, 0.7570, 0.7609
CMYK	0.00, 0.66, 0.67, 0.28
HSL	0°, 50%, 48%
HSV	0°, 67%, 72%
XYZ	22.0783, 13.8382, 5.9172
YIQ	98.0650, 72.4370, 25.3410

Conversions

Conversions Part 2

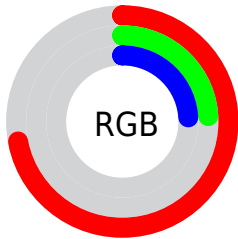
Format	Color
RYB	183, 62, 61
Decimal	12009021
CIELab	44.00, 48.74, 27.69
CIELCh	44, 56.056, 29.605
Yxy	13.8382, 0.5278, 0.3308
Android (android.graphics.Color)	4290199101 (0xFFB73E3D)
YUV	98.0650, -18.2730, 74.4880
Hunter-Lab	37.1997, 40.8412, 16.6089

Details

The CIELCh color **44, 56.056, 29.605** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **68, 33.843, 197.712**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 55.768, 29.508**, and **25, 54.767, 30.672** is the 20% darker color. If you saturate the color by 10%, you get **41, 65.113, 32.789**, and if you desaturate by 10%, it is **47, 46.704, 26.978**.

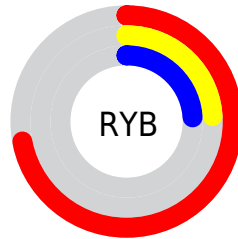
Distribution



Red (72%)

Green (24%)

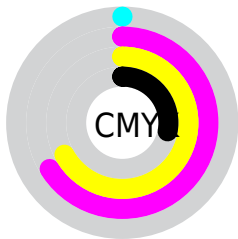
Blue (24%)



Red (72%)

Yellow (24%)

Blue (24%)

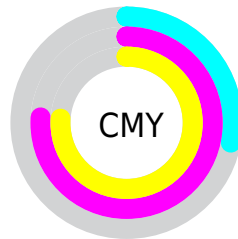


Cyan (0%)

Magenta (66%)

Yellow (67%)

Black (28%)



Cyan (28%)

Magenta (76%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 56.056, 29.605 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, 56.056, 29.605 by changing the saturation by 10% instead.

 44, 56.056, 29.605  44, 56.056, 29.605


 100, 56.056,
29.605  34, 56.056, 29.605

 64, 56.056, 29.605  24, 56.056, 29.605

 74, 56.056, 29.605  14, 56.056, 29.605

 84, 56.056, 29.605  4, 56.056, 29.605

 94, 56.056, 29.605  0, 56.056, 29.605

 44, 56.056, 29.605  44, 56.056, 29.605

 41, 65.113, 32.789  47, 46.704, 26.978

 39, 73.299, 36.225  52, 37.418, 24.911

38, 79.453, 39.108

56, 28.446, 23.320

38, 81.371, 40.081

61, 19.945, 22.100

66, 11.996, 21.155

71, 4.618, 20.372

76, 2.209, 200.165

81, 8.525, 199.557

87, 14.380,
199.190

Harmonies

Complementary

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



44, 56.056, 29.605



68, 33.843, 197.712

Rectangle

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



44, 56.056, 29.605



44, 56.056, 79.605



44, 56.056, 209.605



44, 56.056, 259.605

Sweetspot

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



44, 56.054, 29.608



81, 18.019, 21.474



48, 75.087, 327.652



42, 12.528, 21.738



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



44, 56.054, 29.608



52, 83.907, 34.390



56, 45.884, 67.030



36, 3.971, 20.578



32, 71.757, 39.717



2, 10.573, 19.907

Inverse Universe

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



68, 33.843, 197.712



85, 44.877, 197.593



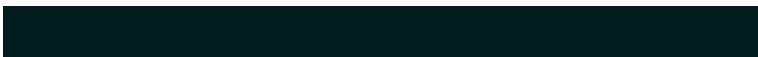
50, 37.985, 270.078



38, 3.746, 199.698



58, 34.245, 197.642



8, 10.381, 198.820

Previews

White Background



This preview shows how the CIELCh color 44, 56.056, 29.605 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, 56.056, 29.605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

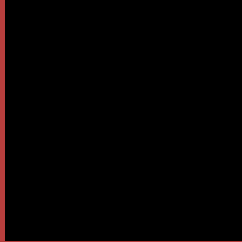
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 56.056, 29.605

Background



This preview shows how black text looks on a background with the CIELCh color 44, 56.056, 29.605.



This preview shows how white text looks on a background with the CIELCh color 44, 56.056, 29.605.

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, 55.445, 27.005

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 56.056, 29.605 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(183, 62, 61)` looks like.

```
.text, #text, p{  
    color:rgb(183, 62, 61)  
}
```

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(183, 62, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 62, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 56.056, 29.605 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(183, 62, 61) }
```

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

```
.border{ border-color:rgb(183, 62, 61) }
```

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

Here you see how a box with a 4 pixel rgb(183, 62, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 62, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 62, 61);  
box-shadow:4px 4px 4px 4px rgb(183, 62,  
61) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 56.056, 29.605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 62, 61) }
```

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

```
.background{ background-color: rgb(183, 62,  
61) }
```

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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