

Converting Colors

CIELCh(44, 58.013, 23.120)

Have a look what the booklet for
CIELCh(44, 58.013, 23.120) contains.

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Color

CIELCh(44, 58.013, 23.120)

Conversions

Conversions Part 1

Format	Color
Hex	BB3745
RGB	187, 55, 69
RGB Percent	73%, 22%, 27%
CMY	0.2647, 0.7824, 0.7280
CMYK	0.00, 0.70, 0.63, 0.26
HSL	354°, 54%, 48%
HSV	354°, 70%, 74%
XYZ	23.0879, 13.8382, 7.1448
YIQ	96.0640, 74.1780, 32.3380

Conversions

Conversions Part 2

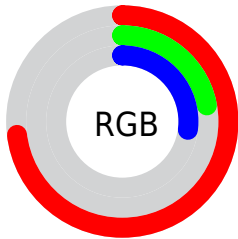
Format	Color
R _Y B	187, 55, 69
Decimal	12269381
CIE Lab	44.00, 53.35, 22.78
CIE LCh	44, 58.013, 23.120
Yxy	13.8382, 0.5239, 0.3140
Android (android.graphics.Color)	4290459461 (0xFFBB3745)
YUV	96.0640, -13.3426, 79.7509
Hunter-Lab	37.1997, 45.6861, 14.6522

Details

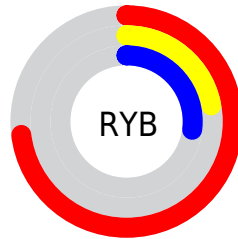
The CIELCh color **44, 58.013, 23.120** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **69, 38.358, 184.856**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 58.042, 23.394**, and **26, 54.399, 27.160** is the 20% darker color. If you saturate the color by 10%, you get **42, 65.830, 27.032**, and if you desaturate by 10%, it is **47, 49.585, 19.935**.

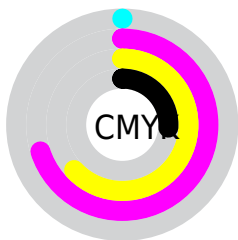
Distribution



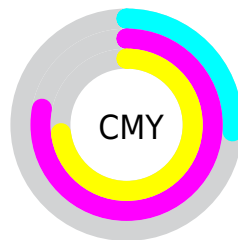
- Red (73%)
- Green (22%)
- Blue (27%)



- Red (73%)
- Yellow (22%)
- Blue (27%)



- Cyan (0%)
- Magenta (70%)
- Yellow (63%)
- Black (26%)



- Cyan (26%)
- Magenta (78%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 58.013, 23.120 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, 58.013, 23.120 by changing the saturation by 10% instead.

■ 44, 58.013, 23.120

■ 44, 58.013, 23.120

■ 100, 58.013,
23.120

■ 34, 58.013, 23.120

■ 64, 58.013, 23.120

■ 24, 58.013, 23.120

■ 74, 58.013, 23.120

■ 14, 58.013, 23.120

■ 84, 58.013, 23.120

■ 4, 58.013, 23.120

■ 94, 58.013, 23.120

■ 0, 58.013, 23.120

■ 44, 58.013, 23.120

■ 44, 58.013, 23.120

■ 42, 65.830, 27.032

■ 47, 49.585, 19.935

■ 40, 72.795, 31.511

■ 51, 40.842, 17.413

39, 78.497, 35.621

56, 32.073, 15.429

60, 23.513, 13.857

65, 15.318, 12.591

71, 7.569, 11.536

76, 0.291, 9.008

81, 6.524, 190.128

87, 12.904,
189.484

Harmonies

Complementary

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



44, 58.013, 23.120



69, 38.358, 184.856

Rectangle

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



44, 58.013, 23.120



44, 58.013, 73.120



44, 58.013, 203.120



44, 58.013, 253.120

Sweetspot

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



44, 58.010, 23.122



83, 19.631, 12.699



46, 78.888, 324.004



42, 13.394, 13.029



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



44, 58.010, 23.122



53, 84.813, 29.216



53, 50.328, 55.838



37, 4.128, 11.432



33, 68.710, 35.003



3, 12.337, 13.363

Inverse Universe

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



44, 58.010, 23.122



53, 84.813, 29.216



54, 34.547, 256.591



37, 4.128, 11.432



33, 68.710, 35.003



3, 12.337, 13.363

Previews

White Background



This preview shows how the CIELCh color 44, 58.013, 23.120 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, 58.013, 23.120 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, 58.013, 23.120

Background



This preview shows how black text looks on a background with the CIELCh color 44, 58.013, 23.120.



This preview shows how white text looks on a background with the CIELCh color 44, 58.013, 23.120.

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, 58.013, 23.120

Protanopia

44, 9.181, 95.169

Deuteranopia

44, 25.706, 76.918



Tritanopia
44, 59.297, 28.613

Trichromacy



Original Color
44, 58.013, 23.120

Protanomaly
43, 23.593, 29.758

Deuteranomaly
43, 33.847, 42.346

Tritanomaly
44, 58.898, 26.713

Monochromacy



Original Color
44, 58.013, 23.120

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 21.485, 14.745

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 58.013, 23.120 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(187, 55, 69)` looks like.

```
.text, #text, p{  
    color:rgb(187, 55, 69)  
}
```

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(187, 55, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 55, 69) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 58.013, 23.120 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(187, 55, 69) }
```

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

```
.border{ border-color:rgb(187, 55, 69) }
```

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

Here you see how a box with a 4 pixel rgb(187, 55, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 55, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 55, 69);  
box-shadow:4px 4px 4px 4px rgb(187, 55,  
69) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 58.013, 23.120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 55, 69) }
```

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

```
.background{ background-color: rgb(187, 55,  
69) }
```

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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