

Converting Colors

CIELCh(48, 63.319, 23.604)

Have a look what the booklet for
CIELCh(48, 63.319, 23.604) contains.

CIELCh(48, 63.360, 23.360)	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(48, 63.360, 23.360)

Conversions

Conversions Part 1

Format	Color
Hex	CE3B4B
RGB	206, 59, 75
RGB Percent	81%, 23%, 29%
CMY	0.1916, 0.7680, 0.7055
CMYK	0.00, 0.71, 0.64, 0.19
HSL	353°, 60%, 52%
HSV	353°, 71%, 81%
XYZ	28.3387, 16.7945, 8.4242
YIQ	104.7770, 82.4760, 36.1400

Conversions

Conversions Part 2

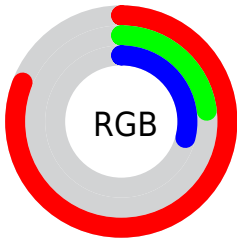
Format	Color
RYB	206, 59, 75
Decimal	13515595
CIELab	48.00, 58.17, 25.12
CIElCh	48, 63.360, 23.360
Yxy	16.7945, 0.5291, 0.3136
Android (android.graphics.Color)	4291705675 (0xFFCE3B4B)
YUV	104.7770, -14.6801, 88.7726
Hunter-Lab	40.9810, 51.7171, 16.4989

Details

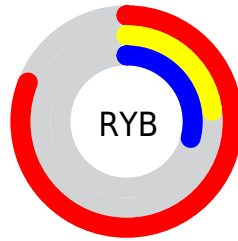
The CIELCh color **48, 63.360, 23.360** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **75, 41.718, 184.375**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 57.846, 22.159**, and **30, 59.914, 27.219** is the 20% darker color. If you saturate the color by 10%, you get **45, 71.650, 27.401**, and if you desaturate by 10%, it is **51, 54.361, 20.057**.

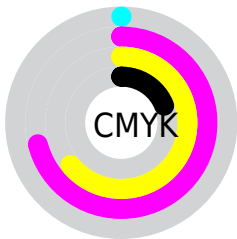
Distribution



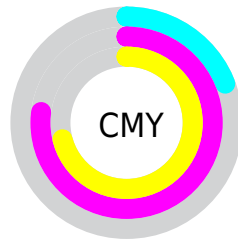
- Red (81%)
- Green (23%)
- Blue (29%)



- Red (81%)
- Yellow (23%)
- Blue (29%)



- Cyan (0%)
- Magenta (71%)
- Yellow (64%)
- Black (19%)



- Cyan (19%)
- Magenta (77%)
- Yellow (71%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 63.360, 23.360 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 48, 63.360, 23.360 by changing the saturation by 10% instead.

 48, 63.360, 23.360

 48, 63.360, 23.360

 100, 63.360,
23.360

 38, 63.360, 23.360

 68, 63.360, 23.360

 28, 63.360, 23.360

 78, 63.360, 23.360

 18, 63.360, 23.360

 88, 63.360, 23.360

 8, 63.360, 23.360

 98, 63.360, 23.360

 0, 63.360, 23.360

 48, 63.360, 23.360

 48, 63.360, 23.360

 45, 71.650, 27.401

 51, 54.361, 20.057

 44, 78.976, 31.977

 56, 44.968, 17.439

43, 84.377, 35.742

60, 35.501, 15.382

65, 26.229, 13.756

71, 17.334, 12.450

76, 8.912, 11.368

82, 0.999, 10.014

88, 6.412, 189.916

94, 13.350,
189.250

Harmonies

Complementary

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



48, 63.360, 23.360



75, 41.718, 184.375

Rectangle

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



48, 63.360, 23.360



48, 63.360, 73.360



48, 63.360, 203.360



48, 63.360, 253.360

Sweetspot

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



48, 63.357, 23.362



86, 20.301, 12.445



50, 85.792, 324.021



44, 13.858, 12.783



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



48, 63.357, 23.362



55, 89.223, 29.999



58, 55.226, 55.731



40, 4.406, 11.176



34, 71.144, 35.005



4, 18.011, 14.070

Inverse Universe

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



48, 63.357, 23.362



55, 89.223, 29.999



59, 37.637, 257.106



40, 4.406, 11.176



34, 71.144, 35.005



4, 18.011, 14.070

Previews

White Background



This preview shows how the CIELCh color 48, 63.360, 23.360 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 48, 63.360, 23.360 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 48, 63.360, 23.360

Background



This preview shows how black text looks on a background with the CIELCh color 48, 63.360, 23.360.



This preview shows how white text looks on a background with the CIELCh color 48, 63.360, 23.360.

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

48, 63.360, 23.360

Protanopia

48, 9.724, 93.536

Deuteranopia

48, 28.087, 76.702

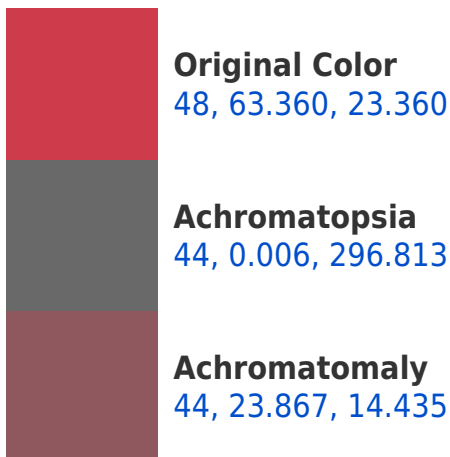


Tritanopia
48, 65.108, 29.212

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 63.360, 23.360 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(206, 59, 75)` looks like.

```
.text, #text, p{  
    color:rgb(206, 59, 75)  
}
```

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(206, 59, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 59, 75) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 63.360, 23.360 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(206, 59, 75) }
```

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

```
.border{ border-color:rgb(206, 59, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 59, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 59, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 59, 75);  
box-shadow:4px 4px 4px 4px rgb(206, 59,  
75) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 63.360, 23.360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 59, 75) }
```

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

```
.background{ background-color: rgb(206, 59,  
75) }
```

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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