

Converting Colors

CIELCh(43, 63.434, 24.616)

Have a look what the booklet for
CIELCh(43, 63.434, 24.616) contains.

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Color

CIELCh(43, 63.277, 24.261)

Conversions

Conversions Part 1

Format	Color
Hex	BE2C3E
RGB	190, 44, 62
RGB Percent	75%, 17%, 24%
CMY	0.2538, 0.8262, 0.7561
CMYK	0.00, 0.77, 0.67, 0.25
HSL	353°, 62%, 46%
HSV	353°, 77%, 75%
XYZ	23.0934, 13.1578, 5.9098
YIQ	89.7060, 81.2380, 36.5500

Conversions

Conversions Part 2

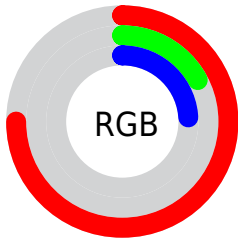
Format	Color
R_{YB}	190, 44, 62
Decimal	12463166
CIE _{Lab}	43.00, 57.69, 26.00
CIE _{LCh}	43, 63.277, 24.261
Yxy	13.1578, 0.5477, 0.3121
Android (android.graphics.Color)	4290653246 (0xFFBE2C3E)
YUV	89.7060, -13.6591, 87.9578
Hunter-Lab	36.2736, 50.1621, 15.7319

Details

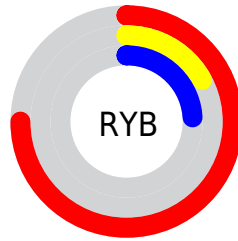
The CIELCh color **43, 63.277, 24.261** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **70, 41.195, 182.362**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 63.328, 24.274**, and **26, 56.804, 30.912** is the 20% darker color. If you saturate the color by 10%, you get **41, 70.457, 28.646**, and if you desaturate by 10%, it is **46, 55.298, 20.587**.

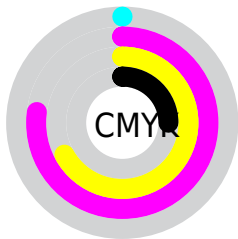
Distribution



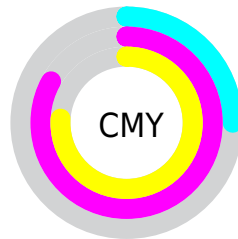
- Red (75%)
- Green (17%)
- Blue (24%)



- Red (75%)
- Yellow (17%)
- Blue (24%)



- Cyan (0%)
- Magenta (77%)
- Yellow (67%)
- Black (25%)



- Cyan (25%)
- Magenta (83%)
- Yellow (76%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 63.277, 24.261 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 43, 63.277, 24.261 by changing the saturation by 10% instead.

 43, 63.277, 24.261

 43, 63.277, 24.261

 100, 63.277,
24.261

 33, 63.277, 24.261

 63, 63.277, 24.261

 23, 63.277, 24.261

 73, 63.277, 24.261

 13, 63.277, 24.261

 83, 63.277, 24.261

 3, 63.277, 24.261

 93, 63.277, 24.261

 0, 63.277, 24.261

 43, 63.277, 24.261

 43, 63.277, 24.261

 41, 70.457, 28.646

 46, 55.298, 20.587

 40, 76.658, 33.361

 49, 46.766, 17.641

40, 78.559, 34.720

54, 37.978, 15.319

58, 29.220, 13.485

63, 20.710, 12.018

68, 12.581, 10.821

73, 4.899, 9.784

79, 2.320, 189.294

84, 9.091, 188.437

Harmonies

Complementary

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



43, 63.277, 24.261



70, 41.195, 182.362

Rectangle

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



43, 63.277, 24.261



43, 63.277, 74.261



43, 63.277, 204.261



43, 63.277, 254.261

Sweetspot

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



43, 63.274, 24.263



82, 21.855, 11.593



45, 84.384, 323.515



42, 15.410, 12.060



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



43, 63.274, 24.263



52, 91.051, 31.857



52, 56.542, 53.931



37, 4.142, 10.053



33, 67.962, 34.011



3, 12.365, 12.378

Inverse Universe

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



43, 63.274, 24.263



52, 91.051, 31.857



54, 36.536, 256.629



37, 4.142, 10.053



33, 67.962, 34.011



3, 12.365, 12.378

Previews

White Background



This preview shows how the CIELCh color 43, 63.277, 24.261 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 43, 63.277, 24.261 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 43, 63.277, 24.261

Background



This preview shows how black text looks on a background with the CIELCh color 43, 63.277, 24.261.

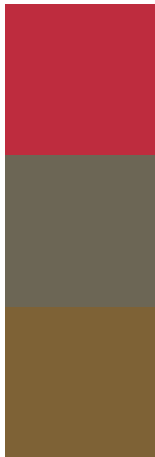


This preview shows how white text looks on a background with the CIELCh color 43, 63.277, 24.261.

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

43, 63.277, 24.261

Protanopia

43, 10.498, 94.057

Deuteranopia

43, 29.664, 78.996



Tritanopia
43, 65.856, 31.646

Trichromacy



Original Color
43, 63.277, 24.261

Protanomaly
41, 26.545, 28.342

Deuteranomaly
41, 37.758, 42.764

Tritanomaly
43, 64.806, 29.133

Monochromacy



Original Color
43, 63.277, 24.261

Achromatopsia
38, 0.005, 296.813

Achromatomaly
37, 24.121, 13.432

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 63.277, 24.261 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(190, 44, 62)` looks like.

```
.text, #text, p{  
    color:rgb(190, 44, 62)  
}
```

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(190, 44, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 44, 62) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 63.277, 24.261 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(190, 44, 62) }
```

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

```
.border{ border-color:rgb(190, 44, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 44, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 44, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 44, 62);  
box-shadow:4px 4px 4px 4px rgb(190, 44,  
62) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 63.277, 24.261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 44, 62) }
```

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

```
.background{ background-color: rgb(190, 44,  
62) }
```

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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