

Converting Colors

CIELCh(45, 62.620, 32.521)

Have a look what the booklet for
CIELCh(45, 62.620, 32.521) contains.

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Color

CIELCh(45, 62.595, 32.157)

Conversions

Conversions Part 1

Format	Color
Hex	C03A36
RGB	192, 58, 54
RGB Percent	75%, 23%, 21%
CMY	0.2463, 0.7718, 0.7877
CMYK	0.00, 0.70, 0.72, 0.25
HSL	2°, 56%, 48%
HSV	2°, 72%, 75%
XYZ	23.9759, 14.5417, 5.0498
YIQ	97.6100, 81.1480, 27.1640

Conversions

Conversions Part 2

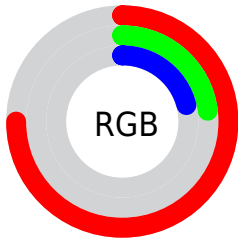
Format	Color
RYB	192, 58, 54
Decimal	12597814
CIELab	45.00, 52.99, 33.32
CIELCh	45, 62.595, 32.157
Yxy	14.5417, 0.5503, 0.3338
Android (android.graphics.Color)	4290787894 (0xFFC03A36)
YUV	97.6100, -21.4997, 82.7800
Hunter-Lab	38.1336, 45.4951, 18.8421

Details

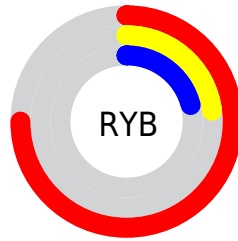
The CIELCh color **45, 62.595, 32.157** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **70, 35.639, 200.335**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 62.901, 32.157**, and **26, 59.993, 35.142** is the 20% darker color. If you saturate the color by 10%, you get **43, 71.763, 35.284**, and if you desaturate by 10%, it is **48, 52.922, 29.439**.

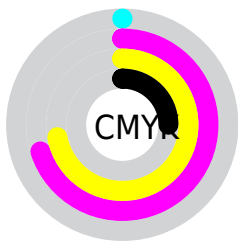
Distribution



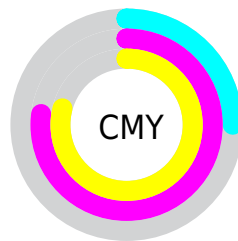
- Red (75%)
- Green (23%)
- Blue (21%)



- Red (75%)
- Yellow (23%)
- Blue (21%)



- Cyan (0%)
- Magenta (70%)
- Yellow (72%)
- Black (25%)



- Cyan (25%)
- Magenta (77%)
- Yellow (79%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 45, 62.595, 32.157 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 45, 62.595, 32.157 by changing the saturation by 10% instead.

 45, 62.595, 32.157

 45, 62.595, 32.157

 100, 62.595,
32.157

 35, 62.595, 32.157

 65, 62.595, 32.157

 25, 62.595, 32.157

 75, 62.595, 32.157

 15, 62.595, 32.157

 85, 62.595, 32.157

 5, 62.595, 32.157

 95, 62.595, 32.157

 0, 62.595, 32.157

 45, 62.595, 32.157

 45, 62.595, 32.157

 43, 71.763, 35.284

 48, 52.922, 29.439

 41, 79.492, 38.257

 52, 43.216, 27.253

40, 84.133, 40.293

57, 33.772, 25.559

61, 24.782, 24.265

66, 16.351, 23.279

71, 8.516, 22.511

77, 1.267, 21.589

82, 5.431, 201.687

88, 11.628,
201.308

Harmonies

Complementary

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



45, 62.595, 32.157



70, 35.639, 200.335

Rectangle

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



45, 62.595, 32.157



45, 62.595, 82.157



45, 62.595, 212.157



45, 62.595, 262.157

Sweetspot

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



45, 62.592, 32.160



84, 20.435, 23.324



49, 81.145, 328.351



43, 13.876, 23.571



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



45, 62.592, 32.160



54, 92.978, 37.013



58, 51.805, 67.801



38, 4.068, 22.341



33, 73.325, 40.124



3, 13.730, 21.039

Inverse Universe

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



70, 35.639, 200.335



88, 46.469, 200.655



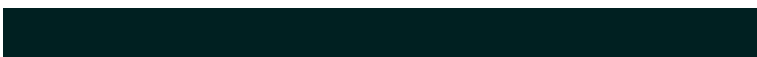
50, 43.555, 273.870



40, 3.834, 201.591



58, 34.078, 201.045



10, 12.037, 199.960

Previews

White Background



This preview shows how the CIELCh color 45, 62.595, 32.157 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 45, 62.595, 32.157 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 45, 62.595, 32.157

Background



This preview shows how black text looks on a background with the CIELCh color 45, 62.595, 32.157.



This preview shows how white text looks on a background with the CIELCh color 45, 62.595, 32.157.

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

45, 62.595, 32.157

Protanopia

45, 21.592, 96.058

Deuteranopia

45, 36.181, 80.610



Tritanopia
45, 61.352, 28.975

Trichromacy



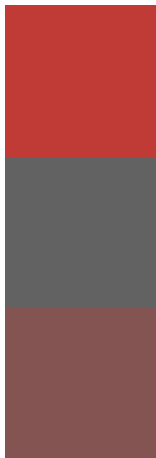
Original Color
45, 62.595, 32.157

Protanomaly
43, 30.735, 49.347

Deuteranomaly
44, 41.944, 53.012

Tritanomaly
45, 61.829, 29.954

Monochromacy



Original Color
45, 62.595, 32.157

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 21.896, 25.644

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 62.595, 32.157 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(192, 58, 54)` looks like.

```
.text, #text, p{  
    color:rgb(192, 58, 54)  
}
```

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(192, 58, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 58, 54) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 62.595, 32.157 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(192, 58, 54) }
```

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

```
.border{ border-color:rgb(192, 58, 54) }
```

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

Here you see how a box with a 4 pixel rgb(192, 58, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 58, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 58, 54);  
box-shadow:4px 4px 4px 4px rgb(192, 58,  
54) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 62.595, 32.157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 58, 54) }
```

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

```
.background{ background-color: rgb(192, 58,  
54) }
```

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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