

Converting Colors

CIELCh(44, 54.445, 31.782)

Have a look what the booklet for
CIELCh(44, 54.445, 31.782) contains.

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Color

CIELCh(44, 54.445, 31.782)

Conversions

Conversions Part 1

Format	Color
Hex	B4413B
RGB	180, 65, 59
RGB Percent	71%, 25%, 23%
CMY	0.2935, 0.7445, 0.7681
CMYK	0.00, 0.64, 0.67, 0.29
HSL	3°, 51%, 47%
HSV	3°, 67%, 71%
XYZ	21.5531, 13.8382, 5.6898
YIQ	98.7010, 70.4660, 22.5140

Conversions

Conversions Part 2

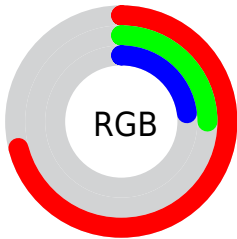
Format	Color
R_{YB}	180, 65, 59
Decimal	11813179
CIE _{Lab}	44.00, 46.28, 28.68
CIE _{LCh}	44, 54.445, 31.782
Yxy	13.8382, 0.5246, 0.3369
Android (android.graphics.Color)	4290003259 (0xFFB4413B)
YUV	98.7010, -19.5726, 71.2992
Hunter-Lab	37.1997, 38.3213, 16.9712

Details

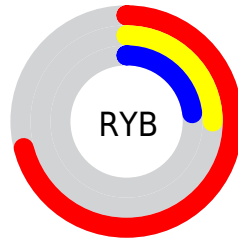
The CIELCh color **44, 54.445, 31.782** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **65, 32.088, 202.933**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 54.341, 31.499**, and **24, 54.553, 31.507** is the 20% darker color. If you saturate the color by 10%, you get **41, 63.515, 34.485**, and if you desaturate by 10%, it is **47, 45.216, 29.537**.

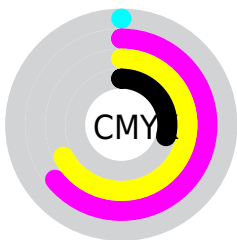
Distribution



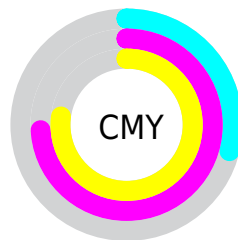
- Red (71%)
- Green (25%)
- Blue (23%)



- Red (71%)
- Yellow (25%)
- Blue (23%)



- Cyan (0%)
- Magenta (64%)
- Yellow (67%)
- Black (29%)



- Cyan (29%)
- Magenta (74%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 54.445, 31.782 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, 54.445, 31.782 by changing the saturation by 10% instead.

 44, 54.445, 31.782  44, 54.445, 31.782

 100, 54.445,
31.782  34, 54.445, 31.782

 64, 54.445, 31.782  24, 54.445, 31.782

 74, 54.445, 31.782  14, 54.445, 31.782

 84, 54.445, 31.782  4, 54.445, 31.782

 94, 54.445, 31.782  0, 54.445, 31.782

 44, 54.445, 31.782  44, 54.445, 31.782

 41, 63.515, 34.485  47, 45.216, 29.537

 39, 71.826, 37.353  51, 36.168, 27.768

38, 78.219, 39.721

56, 27.506, 26.414

38, 79.862, 40.534

60, 19.351, 25.389

65, 11.755, 24.611

70, 4.720, 23.980

75, 1.779, 203.959

80, 7.786, 203.427

85, 13.352,
203.174

Harmonies

Complementary

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



44, 54.445, 31.782



65, 32.088, 202.933

Rectangle

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



44, 54.445, 31.782



44, 54.445, 81.782



44, 54.445, 211.782



44, 54.445, 261.782

Sweetspot

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



44, 54.443, 31.785



81, 17.172, 24.835



47, 72.932, 328.732



41, 11.836, 25.046



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



44, 54.443, 31.785



52, 82.850, 35.991



56, 45.888, 70.097



35, 3.725, 24.113



32, 70.252, 40.266



2, 8.812, 22.736

Inverse Universe

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



65, 32.088, 202.933



82, 42.567, 203.508



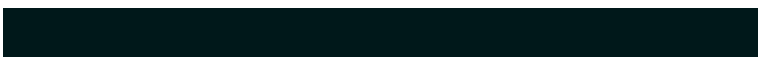
48, 39.746, 273.760



37, 3.512, 203.515



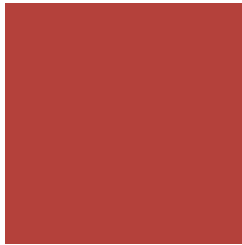
55, 32.059, 204.521



7, 8.491, 205.920

Previews

White Background



This preview shows how the CIELCh color 44, 54.445, 31.782 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, 54.445, 31.782 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, 54.445, 31.782

Background



This preview shows how black text looks on a background with the CIELCh color 44, 54.445, 31.782.



This preview shows how white text looks on a background with the CIELCh color 44, 54.445, 31.782.

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, 54.445, 31.782

Protanopia

44, 18.712, 96.239

Deuteranopia

44, 31.335, 79.376



Tritanopia
44, 53.115, 26.273

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 54.445, 31.782 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(180, 65, 59)` looks like.

```
.text, #text, p{  
    color:rgb(180, 65, 59)  
}
```

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(180, 65, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 65, 59) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 54.445, 31.782 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(180, 65, 59) }
```

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

```
.border{ border-color:rgb(180, 65, 59) }
```

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

Here you see how a box with a 4 pixel rgb(180, 65, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 65, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 65, 59);  
box-shadow:4px 4px 4px 4px rgb(180, 65,  
59) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 54.445, 31.782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 65, 59) }
```

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

```
.background{ background-color: rgb(180, 65,  
59) }
```

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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