

Converting Colors

CIELCh(44, 61.860, 24.879)

Have a look what the booklet for
CIELCh(44, 61.860, 24.879) contains.

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Color

CIELCh(44, 61.594, 25.115)

Conversions

Conversions Part 1

Format	Color
Hex	BF3340
RGB	191, 51, 64
RGB Percent	75%, 20%, 25%
CMY	0.2506, 0.7995, 0.7487
CMYK	0.00, 0.73, 0.66, 0.25
HSL	354°, 58%, 47%
HSV	354°, 73%, 75%
XYZ	23.6287, 13.8382, 6.2878
YIQ	94.3420, 79.2670, 33.7230

Conversions

Conversions Part 2

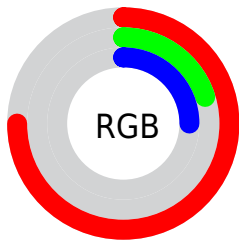
Format	Color
RYB	191, 51, 64
Decimal	12530496
CIELab	44.00, 55.77, 26.14
CIElCh	44, 61.594, 25.115
Yxy	13.8382, 0.5400, 0.3163
Android (android.graphics.Color)	4290720576 (0xFFBF3340)
YUV	94.3420, -14.9586, 84.7691
Hunter-Lab	37.1997, 48.2811, 16.0181

Details

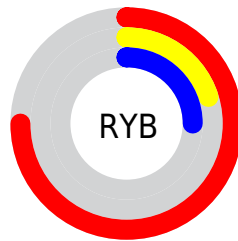
The CIELCh color **44, 61.594, 25.115** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **70, 39.375, 185.922**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 61.381, 25.031**, and **26, 56.626, 29.958** is the 20% darker color. If you saturate the color by 10%, you get **42, 69.455, 29.190**, and if you desaturate by 10%, it is **47, 53.056, 21.731**.

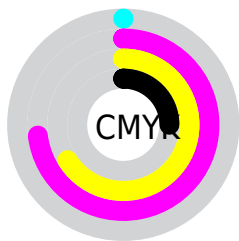
Distribution



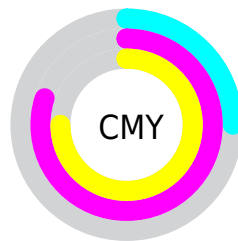
- Red (75%)
- Green (20%)
- Blue (25%)



- Red (75%)
- Yellow (20%)
- Blue (25%)



- Cyan (0%)
- Magenta (73%)
- Yellow (66%)
- Black (25%)



- Cyan (25%)
- Magenta (80%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 61.594, 25.115 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, 61.594, 25.115 by changing the saturation by 10% instead.

 44, 61.594, 25.115  44, 61.594, 25.115

 100, 61.594,
25.115  34, 61.594, 25.115


 64, 61.594, 25.115  24, 61.594, 25.115

 74, 61.594, 25.115  14, 61.594, 25.115

 84, 61.594, 25.115  4, 61.594, 25.115

 94, 61.594, 25.115  0, 61.594, 25.115

 44, 61.594, 25.115  44, 61.594, 25.115

 42, 69.455, 29.190  47, 53.056, 21.731

 40, 76.327, 33.651  51, 44.139, 19.033

40, 80.278, 36.319

55, 35.144, 16.914

60, 26.327, 15.245

65, 17.866, 13.914

70, 9.859, 12.826

76, 2.341, 11.784

81, 4.690, 191.391

87, 11.262,
190.713

Harmonies

Complementary

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



44, 61.594, 25.115



70, 39.375, 185.922

Rectangle

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



44, 61.594, 25.115



44, 61.594, 75.115



44, 61.594, 205.115



44, 61.594, 255.115

Sweetspot

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



44, 61.591, 25.117



83, 20.785, 13.807



46, 82.306, 324.577



43, 14.201, 14.138



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



44, 61.591, 25.117



53, 89.610, 31.921



54, 53.287, 57.046



37, 4.119, 12.442



33, 69.240, 35.676



3, 12.320, 14.084

Inverse Universe

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



44, 61.591, 25.117



53, 89.610, 31.921



54, 36.990, 260.124



37, 4.119, 12.442



33, 69.240, 35.676



3, 12.320, 14.084

Previews

White Background



This preview shows how the CIELCh color 44, 61.594, 25.115 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, 61.594, 25.115 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, 61.594, 25.115

Background



This preview shows how black text looks on a background with the CIELCh color 44, 61.594, 25.115.

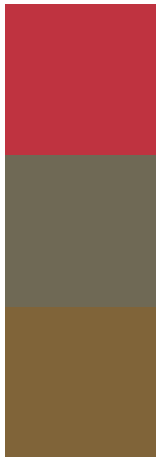


This preview shows how white text looks on a background with the CIELCh color 44, 61.594, 25.115.

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, 61.594, 25.115

Protanopia

44, 12.177, 95.858

Deuteranopia

44, 29.049, 78.729



Tritanopia
44, 63.124, 30.131

Trichromacy



Original Color
44, 61.594, 25.115

Protanomaly
42, 26.159, 33.228

Deuteranomaly
43, 36.810, 43.819

Tritanomaly
44, 62.644, 28.406

Monochromacy



Original Color
44, 61.594, 25.115

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 23.013, 15.619

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 61.594, 25.115 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(191, 51, 64)` looks like.

```
.text, #text, p{  
    color:rgb(191, 51, 64)  
}
```

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(191, 51, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 51, 64) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 61.594, 25.115 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(191, 51, 64) }
```

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

```
.border{ border-color:rgb(191, 51, 64) }
```

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

Here you see how a box with a 4 pixel rgb(191, 51, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 51, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 51, 64);  
box-shadow:4px 4px 4px 4px rgb(191, 51,  
64) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 61.594, 25.115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 51, 64) }
```

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

```
.background{ background-color: rgb(191, 51,  
64) }
```

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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