

Converting Colors

CIELCh(46, 65.581, 29.433)

Have a look what the booklet for
CIELCh(46, 65.581, 29.433) contains.

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Color

CIELCh(46, 65.551, 29.167)

Conversions

Conversions Part 1

Format	Color
Hex	C8363B
RGB	200, 54, 59
RGB Percent	78%, 21%, 23%
CMY	0.2151, 0.7876, 0.7682
CMYK	0.00, 0.73, 0.70, 0.22
HSL	358°, 57%, 50%
HSV	358°, 73%, 78%
XYZ	25.9774, 15.2687, 5.7304
YIQ	98.2240, 85.4110, 32.5070

Conversions

Conversions Part 2

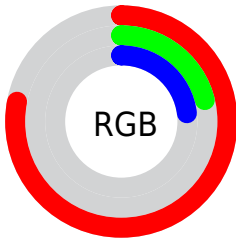
Format	Color
RYB	200, 54, 59
Decimal	13121083
CIELab	46.00, 57.24, 31.95
CIElCh	46, 65.551, 29.167
Yxy	15.2687, 0.5530, 0.3250
Android (android.graphics.Color)	4291311163 (0xFFC8363B)
YUV	98.2240, -19.3374, 89.2576
Hunter-Lab	39.0751, 50.2863, 18.6577

Details

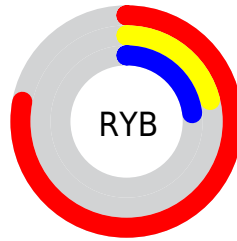
The CIELCh color **46, 65.551, 29.167** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **74, 39.064, 192.559**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 62.384, 29.107**, and **28, 61.104, 33.350** is the 20% darker color. If you saturate the color by 10%, you get **44, 74.386, 32.961**, and if you desaturate by 10%, it is **49, 56.040, 25.920**.

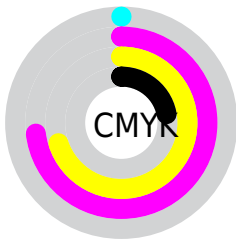
Distribution



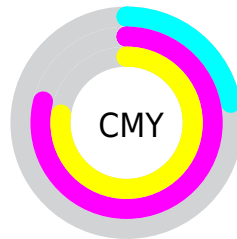
- Red (78%)
- Green (21%)
- Blue (23%)



- Red (78%)
- Yellow (21%)
- Blue (23%)



- Cyan (0%)
- Magenta (73%)
- Yellow (70%)
- Black (22%)



- Cyan (22%)
- Magenta (79%)
- Yellow (77%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 46, 65.551, 29.167 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 46, 65.551, 29.167 by changing the saturation by 10% instead.

 46, 65.551, 29.167

 46, 65.551, 29.167

 100, 65.551,
29.167

 36, 65.551, 29.167

 66, 65.551, 29.167

 26, 65.551, 29.167

 76, 65.551, 29.167

 16, 65.551, 29.167

 86, 65.551, 29.167

 6, 65.551, 29.167

 96, 65.551, 29.167

 0, 65.551, 29.167

 46, 65.551, 29.167

 46, 65.551, 29.167

 44, 74.386, 32.961

 49, 56.040, 25.920

 42, 81.835, 36.770

 53, 46.273, 23.313

42, 85.687, 38.761

58, 36.573, 21.279

63, 27.191, 19.702

68, 18.289, 18.471

73, 9.946, 17.488

79, 2.179, 16.531

85, 5.032, 196.279

90, 11.729,
195.717

Harmonies

Complementary

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



46, 65.551, 29.167



74, 39.064, 192.559

Rectangle

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



46, 65.551, 29.167



46, 65.551, 79.167



46, 65.551, 209.167



46, 65.551, 259.167

Sweetspot

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



46, 65.548, 29.169



85, 21.301, 18.403



50, 85.302, 326.206



43, 14.454, 18.709



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



46, 65.548, 29.169



54, 95.202, 35.425



58, 54.561, 61.505



39, 4.279, 17.176



34, 73.286, 38.395



3, 15.899, 17.645

Inverse Universe

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



46, 65.548, 29.169



54, 95.202, 35.425



54, 41.128, 266.740



39, 4.279, 17.176



34, 73.286, 38.395



3, 15.899, 17.645

Previews

White Background



This preview shows how the CIELCh color 46, 65.551, 29.167 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 46, 65.551, 29.167 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 46, 65.551, 29.167

Background



This preview shows how black text looks on a background with the CIELCh color 46, 65.551, 29.167.

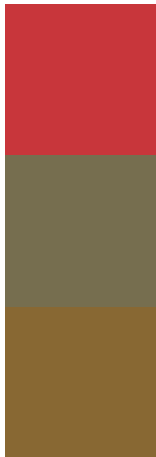


This preview shows how white text looks on a background with the CIELCh color 46, 65.551, 29.167.

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

46, 65.551, 29.167

Protanopia

46, 18.567, 96.390

Deuteranopia

46, 34.857, 79.263



Tritanopia
46, 65.805, 30.338

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 65.551, 29.167 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(200, 54, 59)` looks like.

```
.text, #text, p{  
    color:rgb(200, 54, 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(200, 54, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 54, 59) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 65.551, 29.167 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(200, 54, 59) }
```

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

```
.border{ border-color:rgb(200, 54, 59) }
```

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

Here you see how a box with a 4 pixel rgb(200, 54, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 54, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 54, 59);  
box-shadow:4px 4px 4px 4px rgb(200, 54,  
59) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 65.551, 29.167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 54, 59) }
```

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

```
.background{ background-color: rgb(200, 54,  
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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