

Converting Colors

CIELCh(43, 67.254, 11.771)

Have a look what the booklet for
CIELCh(43, 67.254, 11.771) contains.

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Color

CIELCh(43, 67.128, 11.931)

Conversions

Conversions Part 1

Format	Color
Hex	C51852
RGB	197, 24, 82
RGB Percent	77%, 9%, 32%
CMY	0.2270, 0.9050, 0.6781
CMYK	0.00, 0.88, 0.58, 0.23
HSL	340°, 78%, 43%
HSV	340°, 88%, 77%
XYZ	24.9132, 13.1578, 9.2266
YIQ	82.3390, 84.4900, 54.7140

Conversions

Conversions Part 2

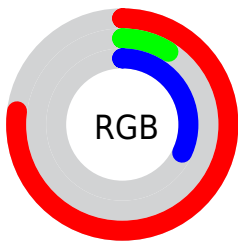
Format	Color
R_{YB}	197, 24, 82
Decimal	12916818
CIE Lab	43.00, 65.68, 13.88
CIE LCh	43, 67.128, 11.931
Yxy	13.1578, 0.5267, 0.2782
Android (android.graphics.Color)	4291106898 (0xFFC51852)
YUV	82.3390, -0.1671, 100.5577
Hunter-Lab	36.2736, 59.1175, 10.3104

Details

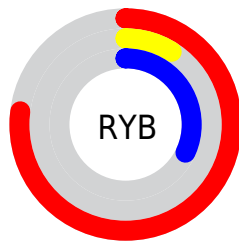
The CIELCh color **43, 67.128, 11.931** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **71, 56.883, 161.740**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **62, 65.467, 11.281**, and **28, 55.033, 21.365** is the 20% darker color. If you saturate the color by 10%, you get **42, 70.477, 17.014**, and if you desaturate by 10%, it is **45, 62.513, 7.730**.

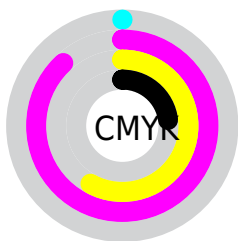
Distribution



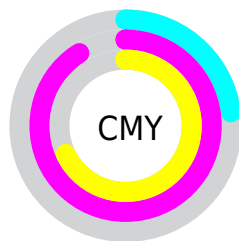
- Red (77%)
- Green (9%)
- Blue (32%)



- Red (77%)
- Yellow (9%)
- Blue (32%)



- Cyan (0%)
- Magenta (88%)
- Yellow (58%)
- Black (23%)



- Cyan (23%)
- Magenta (91%)
- Yellow (68%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 67.128, 11.931 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, 67.128, 11.931 by changing the saturation by 10% instead.

 43, 67.128, 11.931

 43, 67.128, 11.931

 100, 67.128,
11.931

 33, 67.128, 11.931

 63, 67.128, 11.931

 23, 67.128, 11.931

 73, 67.128, 11.931

 13, 67.128, 11.931

 83, 67.128, 11.931

 3, 67.128, 11.931

 93, 67.128, 11.931

 0, 67.128, 11.931

 43, 67.128, 11.931

 43, 67.128, 11.931

 42, 70.477, 17.014

 45, 62.513, 7.730

 42, 71.243, 18.191

 48, 56.437, 4.395

■ 51, 49.112, 1.762

■ 55, 40.927,
359.662

■ 60, 32.278,
357.955

■ 65, 23.492,
356.534

■ 70, 14.795,
355.322

■ 75, 6.329, 354.242

■ 81, 1.829, 173.655

Harmonies

Complementary

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



43, 67.128, 11.931



71, 56.883, 161.740

Rectangle

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



43, 67.128, 11.931



43, 67.128, 61.931



43, 67.128, 191.931



43, 67.128, 241.931

Sweetspot

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



43, 67.125, 11.933



83, 27.114, 356.364



38, 94.793, 316.488



42, 18.460, 356.826



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



43, 67.125, 11.933



54, 86.841, 19.142



45, 74.688, 40.839



39, 4.701, 354.419



34, 61.718, 17.337



4, 16.675, 2.454

Inverse Universe

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



43, 67.125, 11.933



54, 86.841, 19.142



65, 35.203, 221.542



39, 4.701, 354.419



34, 61.718, 17.337



4, 16.675, 2.454

Previews

White Background



This preview shows how the CIELCh color 43, 67.128, 11.931 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, 67.128, 11.931 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, 67.128, 11.931

Background



This preview shows how black text looks on a background with the CIELCh color 43, 67.128, 11.931.



This preview shows how white text looks on a background with the CIELCh color 43, 67.128, 11.931.

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](#).

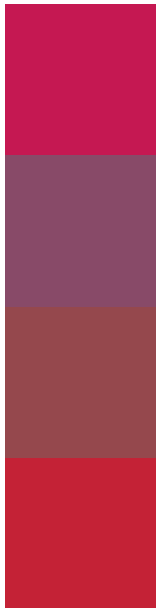
Dichromacy





Tritanopia
43, 72.093, 34.179

Trichromacy



Original Color
43, 67.128, 11.931

Protanomaly
40, 30.837, 349.148

Deuteranomaly
41, 35.020, 20.502

Tritanomaly
43, 69.247, 26.805

Monochromacy



Original Color
43, 67.128, 11.931

Achromatopsia
35, 0.005, 296.813

Achromatomaly
35, 29.405, 359.452

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 67.128, 11.931 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(197, 24, 82)` looks like.

```
.text, #text, p{  
    color:rgb(197, 24, 82)  
}
```

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(197, 24, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 24, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 67.128, 11.931 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(197, 24, 82) }
```

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

```
.border{ border-color:rgb(197, 24, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 24, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 24, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 24, 82);  
box-shadow:4px 4px 4px 4px rgb(197, 24,  
82) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 67.128, 11.931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 24, 82) }
```

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

```
.background{ background-color: rgb(197, 24,  
82) }
```

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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