

Converting Colors

CIELCh(42, 58.181, 3.254)

Have a look what the booklet for
CIELCh(42, 58.181, 3.254) contains.

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Color

CIELCh(42, 58.210, 3.291)

Conversions

Conversions Part 1

Format	Color
Hex	B62B60
RGB	182, 43, 96
RGB Percent	71%, 17%, 38%
CMY	0.2866, 0.8317, 0.6238
CMYK	0.00, 0.76, 0.47, 0.29
HSL	337°, 62%, 44%
HSV	337°, 76%, 71%
XYZ	22.2414, 12.5000, 12.2910
YIQ	90.6030, 65.8310, 45.9510

Conversions

Conversions Part 2

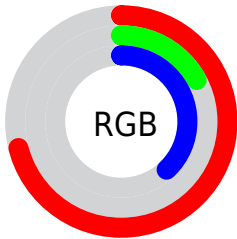
Format	Color
RYB	182, 43, 96
Decimal	11938656
CIELab	42.00, 58.11, 3.34
CIElCh	42, 58.210, 3.291
Yxy	12.5000, 0.4729, 0.2658
Android (android.graphics.Color)	4290128736 (0xFFB62B60)
YUV	90.6030, 2.6607, 80.1552
Hunter-Lab	35.3553, 50.4194, 4.1370

Details

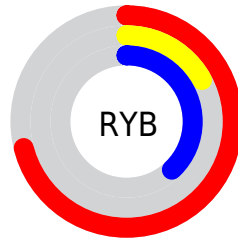
The CIELCh color **42, 58.210, 3.291** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **66, 51.516, 160.914**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **62, 57.850, 3.498**, and **25, 49.264, 9.064** is the 20% darker color. If you saturate the color by 10%, you get **40, 62.380, 7.035**, and if you desaturate by 10%, it is **45, 52.540, 0.337**.

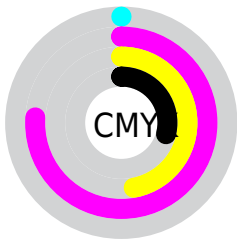
Distribution



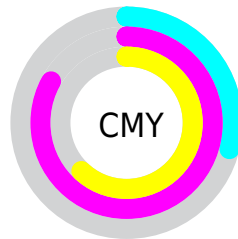
- Red (71%)
- Green (17%)
- Blue (38%)



- Red (71%)
- Yellow (17%)
- Blue (38%)



- Cyan (0%)
- Magenta (76%)
- Yellow (47%)
- Black (29%)




- Cyan (29%)
- Magenta (83%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 58.210, 3.291 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 42, 58.210, 3.291 by changing the saturation by 10% instead.

 42, 58.210, 3.291  42, 58.210, 3.291

 100, 58.210, 3.291  32, 58.210, 3.291

 62, 58.210, 3.291  22, 58.210, 3.291

 72, 58.210, 3.291  12, 58.210, 3.291

 82, 58.210, 3.291  2, 58.210, 3.291

 92, 58.210, 3.291  0, 58.210, 3.291

 42, 58.210, 3.291  42, 58.210, 3.291

 40, 62.380, 7.035  45, 52.540, 0.337

 39, 65.130, 11.669  48, 45.647,
357.993

 38, 66.056, 13.405

■ 52, 37.918,
356.105

■ 56, 29.735,
354.549

■ 61, 21.400,
353.235

■ 66, 13.126,
352.098

■ 71, 5.045, 351.063

■ 76, 2.770, 170.424

■ 81, 10.286,
169.530

Harmonies

Complementary

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



42, 58.210, 3.291



66, 51.516, 160.914

Rectangle

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



42, 58.210, 3.291



42, 58.210, 53.291



42, 58.210, 183.291



42, 58.210, 233.291

Sweetspot

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



42, 58.207, 3.293



80, 23.042, 352.876



37, 81.883, 315.776



41, 16.143, 353.308



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



42, 58.207, 3.293



51, 78.617, 10.271



43, 61.213, 37.308



36, 4.517, 351.366



33, 58.746, 12.689



2, 11.535, 357.420

Inverse Universe

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



42, 58.207, 3.293



51, 78.617, 10.271



63, 32.315, 213.478



36, 4.517, 351.366



33, 58.746, 12.689



2, 11.535, 357.420

Previews

White Background



This preview shows how the CIELCh color 42, 58.210, 3.291 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 CIE LCh color 42, 58.210, 3.291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

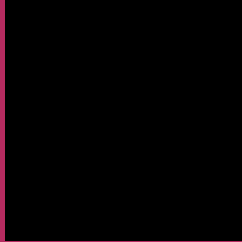
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 42, 58.210, 3.291

Background



This preview shows how black text looks on a background with the CIELCh color 42, 58.210, 3.291.



This preview shows how white text looks on a background with the CIELCh color 42, 58.210, 3.291.

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

42, 58.210, 3.291

Protanopia

42, 17.571, 285.595

Deuteranopia

42, 9.005, 47.954



Tritanopia
42, 58.367, 28.856

Trichromacy



Original Color
42, 58.210, 3.291

Protanomaly
40, 28.684, 332.654

Deuteranomaly
41, 28.095, 5.646

Tritanomaly
42, 57.045, 19.330

Monochromacy



Original Color
42, 58.210, 3.291

Achromatopsia
39, 0.005, 296.813

Achromatomaly
38, 24.085, 355.022

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 58.210, 3.291 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(182, 43, 96)` looks like.

```
.text, #text, p{  
    color:rgb(182, 43, 96)  
}
```

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(182, 43, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 43, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 58.210, 3.291 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(182, 43, 96) }
```

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

```
.border{ border-color:rgb(182, 43, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 43, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 43, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 43, 96);  
box-shadow:4px 4px 4px 4px rgb(182, 43,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 58.210, 3.291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 43, 96) }
```

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

```
.background{ background-color: rgb(182, 43,  
96) }
```

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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