

Converting Colors

CIELCh(52, 41.395, 7.401)

Have a look what the booklet for
CIELCh(52, 41.395, 7.401) contains.

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Color

CIELCh(52, 41.238, 7.240)

Conversions

Conversions Part 1

Format	Color
Hex	BE5E75
RGB	190, 94, 117
RGB Percent	75%, 37%, 46%
CMY	0.2561, 0.6324, 0.5422
CMYK	0.00, 0.51, 0.38, 0.26
HSL	346°, 42%, 56%
HSV	346°, 51%, 74%
XYZ	28.3346, 20.1443, 19.1443
YIQ	125.3260, 49.8330, 27.5050

Conversions

Conversions Part 2

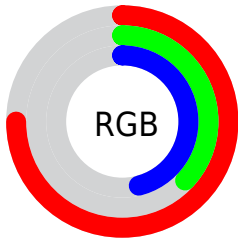
Format	Color
R_{YB}	190, 94, 117
Decimal	12476021
CIE _{Lab}	52.00, 40.91, 5.20
CIE _{LCh}	52, 41.238, 7.240
Yxy	20.1443, 0.4190, 0.2979
Android (android.graphics.Color)	4290666101 (0xFFBE5E75)
YUV	125.3260, -4.1047, 56.7191
Hunter-Lab	44.8824, 34.1441, 6.1279

Details

The CIELCh color **52, 41.238, 7.240** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **71, 34.105, 175.033**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 41.218, 7.269**, and **32, 40.961, 7.344** is the 20% darker color. If you saturate the color by 10%, you get **48, 49.289, 9.698**, and if you desaturate by 10%, it is **56, 32.835, 5.281**.

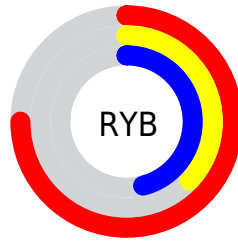
Distribution



Red (75%)

Green (37%)

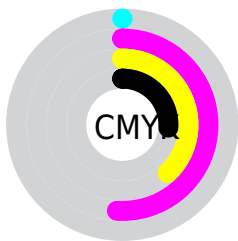
Blue (46%)



Red (75%)

Yellow (37%)

Blue (46%)

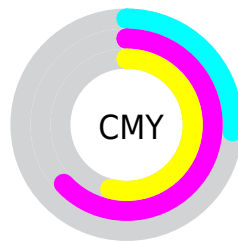


Cyan (0%)

Magenta (51%)

Yellow (38%)

Black (26%)



Cyan (26%)

Magenta (63%)

Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 41.238, 7.240 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 52, 41.238, 7.240 by changing the saturation by 10% instead.

 52, 41.238, 7.240

 52, 41.238, 7.240

 100, 41.238, 7.240

 42, 41.238, 7.240

 72, 41.238, 7.240

 32, 41.238, 7.240

 82, 41.238, 7.240

 22, 41.238, 7.240

 92, 41.238, 7.240

 12, 41.238, 7.240

 2, 41.238, 7.240

 0, 41.238, 7.240

 52, 41.238, 7.240

 52, 41.238, 7.240

 48, 49.289, 9.698

 56, 32.835, 5.281

 45, 56.648, 12.802

 61, 24.383, 3.686

42, 63.014, 16.708

66, 16.092, 2.360

41, 68.285, 21.482

71, 8.090, 1.221

40, 72.615, 26.440

77, 0.441, 359.243

82, 6.831, 179.566

87, 13.732,
178.797

93, 20.281,
178.130

96, 22.082,
186.642

Harmonies

Complementary

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



52, 41.238, 7.240



71, 34.105, 175.033

Rectangle

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



52, 41.238, 7.240



52, 41.238, 57.240



52, 41.238, 187.240



52, 41.238, 237.240

Sweetspot

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



52, 41.235, 7.242



88, 14.374, 1.734



52, 59.442, 319.379



46, 9.934, 1.979



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



52, 41.235, 7.242



62, 61.488, 10.092



57, 35.871, 44.330



37, 4.299, 1.087



33, 63.063, 25.585



3, 12.642, 5.874

Inverse Universe

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



52, 41.235, 7.242



62, 61.488, 10.092



64, 25.008, 230.488



37, 4.299, 1.087



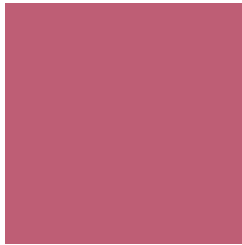
33, 63.063, 25.585



3, 12.642, 5.874

Previews

White Background



This preview shows how the CIELCh color 52, 41.238, 7.240 looks on a white 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

Black Background



This preview shows how the CIE LCh color 52, 41.238, 7.240 looks on a black 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

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

CIELCh 52, 41.238, 7.240

Background



This preview shows how black text looks on a background with the CIELCh color 52, 41.238, 7.240.



This preview shows how white text looks on a background with the CIELCh color 52, 41.238, 7.240.

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

52, 41.238, 7.240

Protanopia

52, 5.806, 290.913

Deuteranopia

52, 10.031, 47.522



Tritanopia
52, 40.258, 19.401

Trichromacy



Original Color
52, 41.238, 7.240

Protanomaly
51, 16.560, 349.890

Deuteranomaly
52, 20.834, 15.680

Tritanomaly
52, 40.353, 14.767

Monochromacy



Original Color
52, 41.238, 7.240

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 15.104, 3.489

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 41.238, 7.240 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(190, 94, 117)` looks like.

```
.text, #text, p{  
    color:rgb(190, 94, 117)  
}
```

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(190, 94, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 94, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 41.238, 7.240 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(190, 94, 117) }
```

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

```
.border{ border-color:rgb(190, 94, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 94, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 94, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 94, 117);  
box-shadow:4px 4px 4px 4px rgb(190, 94,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 41.238, 7.240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 94, 117) }
```

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

```
.background{ background-color: rgb(190, 94,  
117) }
```

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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