

Converting Colors

CIELCh(48, 50.434, 342.212)

Have a look what the booklet for
CIELCh(48, 50.434, 342.212)
contains.

CIELCh(48, 50.423, 342.284)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(48, 50.423, 342.284)

Conversions

Conversions Part 1

Format	Color
Hex	B24E8D
RGB	178, 78, 141
RGB Percent	70%, 31%, 55%
CMY	0.3026, 0.6947, 0.4476
CMYK	0.00, 0.56, 0.21, 0.30
HSL	322°, 39%, 50%
HSV	322°, 56%, 70%
XYZ	25.8367, 16.7945, 27.0244
YIQ	115.0820, 39.3770, 40.7930

Conversions

Conversions Part 2

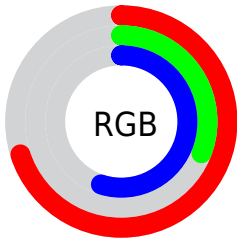
Format	Color
R_{YB}	178, 78, 141
Decimal	11685517
CIE _{Lab}	48.00, 48.03, -15.34
CIE _{LCh}	48, 50.423, 342.284
Yxy	16.7945, 0.3709, 0.2411
Android (android.graphics.Color)	4289875597 (0xFFB24E8D)
YUV	115.0820, 12.7776, 55.1791
Hunter-Lab	40.9810, 40.8192, -10.4113

Details

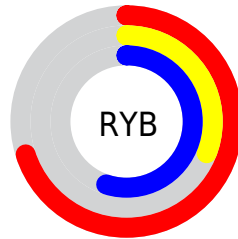
The CIELCh color $48, 50.423, 342.284$ is a dark color, and the websafe version is hex `CC6699`. A complement of this color would be $65, 49.614, 151.553$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $68, 50.670, 342.120$, and $28, 50.319, 341.986$ is the 20% darker color. If you saturate the color by 10%, you get $45, 57.368, 343.583$, and if you desaturate by 10%, it is $52, 42.311, 341.162$.

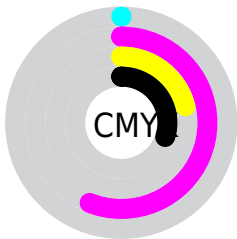
Distribution



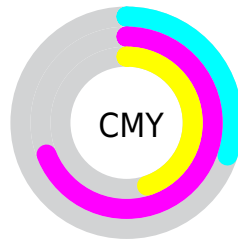
- Red (70%)
- Green (31%)
- Blue (55%)



- Red (70%)
- Yellow (31%)
- Blue (55%)



- Cyan (0%)
- Magenta (56%)
- Yellow (21%)
- Black (30%)



- Cyan (30%)
- Magenta (69%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 50.423, 342.284 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 48, 50.423, 342.284 by changing the saturation by 10% instead.


 48, 50.423,
342.284

 48, 50.423,
342.284

 100, 50.423,
342.284

 38, 50.423,
342.284

 68, 50.423,
342.284

 28, 50.423,
342.284

 78, 50.423,
342.284

 18, 50.423,
342.284

 88, 50.423,
342.284

 8, 50.423, 342.284

 98, 50.423,
342.284

 0, 50.423, 342.284

 48, 50.423,

 48, 50.423,

342.284

■ 45, 57.368,
343.583

■ 42, 62.702,
345.128

■ 40, 66.066,
347.012

■ 39, 67.398,
349.335

■ 39, 67.687,
350.274

342.284

■ 52, 42.311,
341.162

■ 56, 33.475,
340.167

■ 60, 24.265,
339.268

■ 65, 14.943,
338.439

■ 70, 5.683, 337.646

■ 74, 3.404, 157.098

■ 79, 12.255,
156.371

■ 84, 20.840,
155.747

■ 89, 29.150,
155.168

Harmonies

Complementary

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



48, 50.423, 342.284



65, 49.614, 151.553

Rectangle

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



48, 50.423, 342.284



48, 50.423, 32.284



48, 50.423, 162.284



48, 50.423, 212.284

Sweetspot

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



48, 50.420, 342.285



82, 19.457, 338.526



42, 60.822, 307.988



43, 13.135, 338.686



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



48, 50.420, 342.285



58, 71.439, 343.862



46, 43.760, 16.631



35, 5.205, 337.894



33, 60.715, 349.918



2, 11.552, 342.600

Inverse Universe

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



48, 50.420, 342.285



58, 71.439, 343.862



67, 32.449, 183.527



35, 5.205, 337.894



33, 60.715, 349.918



2, 11.552, 342.600

Previews

White Background



This preview shows how the CIELCh color 48, 50.423, 342.284 looks on a white background.

Color Contrast Check

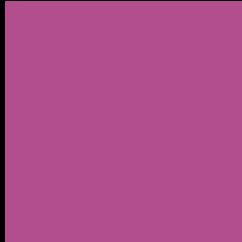
Large Text (above 18pt) WCAG AA ✓ Pass

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 48, 50.423, 342.284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

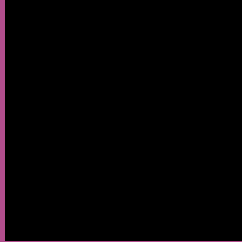
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 50.423, 342.284

Background



This preview shows how black text looks on a background with the CIELCh color 48, 50.423, 342.284.

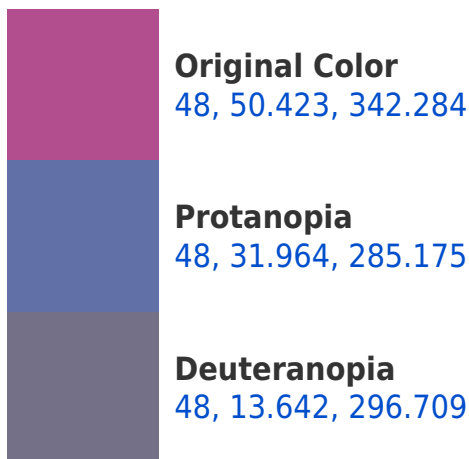


This preview shows how white text looks on a background with the CIELCh color 48, 50.423, 342.284.

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
48, 37.322, 18.790

Trichromacy



Original Color
48, 50.423, 342.284

Protanomaly
47, 35.075, 309.399

Deuteranomaly
47, 26.235, 326.615

Tritanomaly
48, 40.142, 2.396

Monochromacy



Original Color
48, 50.423, 342.284

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 20.057, 339.672

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 50.423, 342.284 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(178, 78, 141)` looks like.

```
.text, #text, p{  
    color:rgb(178, 78, 141)  
}
```

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(178, 78, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 78, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 50.423, 342.284 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(178, 78, 141) }
```

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

```
.border{ border-color:rgb(178, 78, 141) }
```

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

Here you see how a box with a 4 pixel rgb(178, 78, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 78, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 78, 141);  
box-shadow:4px 4px 4px 4px rgb(178, 78,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 50.423, 342.284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 78, 141) }
```

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

```
.background{ background-color: rgb(178, 78,  
141) }
```

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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