

Converting Colors

CIELCh(48, 35.107, 357.447)

Have a look what the booklet for
CIELCh(48, 35.107, 357.447)
contains.

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Color

CIELCh(48, 34.908, 357.230)

Conversions

Conversions Part 1

Format	Color
Hex	A75A76
RGB	167, 90, 118
RGB Percent	65%, 35%, 46%
CMY	0.3457, 0.6476, 0.5378
CMYK	0.00, 0.46, 0.29, 0.35
HSL	338°, 30%, 50%
HSV	338°, 46%, 65%
XYZ	22.8126, 16.7945, 19.1379
YIQ	116.2150, 36.9040, 25.0320

Conversions

Conversions Part 2

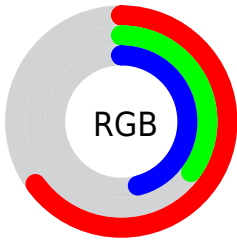
Format	Color
R_{YB}	167, 90, 118
Decimal	10967670
CIE _{Lab}	48.00, 34.87, -1.69
CIE _{LCh}	48, 34.908, 357.230
Yxy	16.7945, 0.3883, 0.2859
Android (android.graphics.Color)	4289157750 (0xFFA75A76)
YUV	116.2150, 0.8800, 44.5384
Hunter-Lab	40.9810, 27.6474, 0.9987

Details

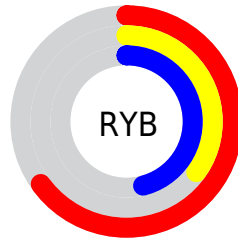
The CIELCh color $48, 34.908, 357.230$ is a dark color, and the websafe version is hex $CC6699$. A complement of this color would be $63, 31.457, 166.862$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $68, 34.831, 357.362$, and $28, 34.850, 357.462$ is the 20% darker color. If you saturate the color by 10%, you get $44, 42.149, 359.135$, and if you desaturate by 10%, it is $52, 27.286, 355.665$.

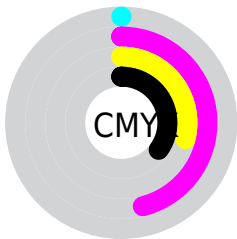
Distribution



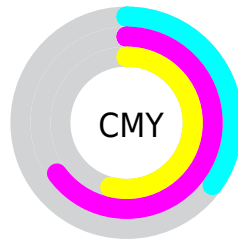
- Red (65%)
- Green (35%)
- Blue (46%)



- Red (65%)
- Yellow (35%)
- Blue (46%)



- Cyan (0%)
- Magenta (46%)
- Yellow (29%)
- Black (35%)





- Cyan (35%)
- Magenta (65%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 34.908, 357.230 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, 34.908, 357.230 by changing the saturation by 10% instead.


 48, 34.908,
357.230


 48, 34.908,
357.230


 100, 34.908,
357.230


 38, 34.908,
357.230

 68, 34.908,
357.230


 28, 34.908,
357.230

 78, 34.908,
357.230

 18, 34.908,
357.230

 88, 34.908,
357.230

 8, 34.908, 357.230

 98, 34.908,
357.230

 0, 34.908, 357.230

 48, 34.908,

 48, 34.908,

357.230

357.230

■ 44, 42.149,
359.135

■ 52, 27.286,
355.665

■ 41, 48.674, 1.496

■ 56, 19.558,
354.345

■ 39, 54.125, 4.471

■ 61, 11.910,
353.203

■ 37, 58.254, 8.231

■ 35, 61.113, 12.867

■ 66, 4.455, 352.162

■ 35, 62.178, 14.714

■ 70, 2.743, 171.524

■ 75, 9.658, 170.637

■ 80, 16.285,
169.913

■ 85, 22.634,
169.261

■ 90, 28.722,

Harmonies

Complementary

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



48, 34.908, 357.230



63, 31.457, 166.862

Rectangle

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



48, 34.908, 357.230



48, 34.908, 47.230



48, 34.908, 177.230



48, 34.908, 227.230

Sweetspot

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



48, 34.906, 357.232



78, 12.746, 353.003



46, 48.211, 315.556



41, 8.899, 353.225



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



48, 34.906, 357.232



57, 51.102, 359.106



50, 31.025, 33.908



33, 4.159, 352.490



31, 56.813, 14.117



2, 7.258, 355.061

Inverse Universe

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



48, 34.906, 357.232



57, 51.102, 359.106



61, 21.963, 213.049



33, 4.159, 352.490



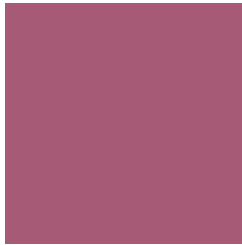
31, 56.813, 14.117



2, 7.258, 355.061

Previews

White Background



This preview shows how the CIELCh color 48, 34.908, 357.230 looks on a white background.

Color Contrast Check

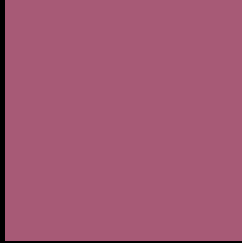
Large Text (above 18pt) WCAG AA ✓ Pass

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 48, 34.908, 357.230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

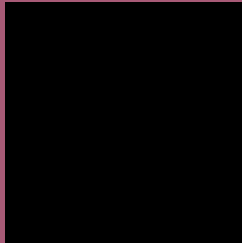
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 34.908, 357.230

Background



This preview shows how black text looks on a background with the CIELCh color 48, 34.908, 357.230.



This preview shows how white text looks on a background with the CIELCh color 48, 34.908, 357.230.

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, 31.436, 16.548

Trichromacy



Original Color
48, 34.908, 357.230

Protanomaly
48, 16.600, 330.114

Deuteranomaly
48, 16.824, 356.991

Tritanomaly
48, 32.275, 9.740

Monochromacy



Original Color
48, 34.908, 357.230

Achromatopsia
49, 0.007, 296.813

Achromatomaly
48, 13.179, 351.799

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 34.908, 357.230 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(167, 90, 118)` looks like.

```
.text, #text, p{  
    color:rgb(167, 90, 118)  
}
```

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(167, 90, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 90, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 34.908, 357.230 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(167, 90, 118) }
```

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

```
.border{ border-color:rgb(167, 90, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 90, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 90, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 90, 118);  
box-shadow:4px 4px 4px 4px rgb(167, 90,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 34.908, 357.230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 90, 118) }
```

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

```
.background{ background-color: rgb(167, 90,  
118) }
```

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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