

Converting Colors

CIELCh(48, 34.244, 335.681)

Have a look what the booklet for
CIELCh(48, 34.244, 335.681)
contains.

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Color

CIELCh(48, 34.244, 335.681)

Conversions

Conversions Part 1

Format	Color
Hex	9A5E8A
RGB	154, 94, 138
RGB Percent	60%, 37%, 54%
CMY	0.3949, 0.6303, 0.4577
CMYK	0.00, 0.39, 0.10, 0.39
HSL	316°, 24%, 49%
HSV	316°, 39%, 61%
XYZ	22.0156, 16.7945, 26.2316
YIQ	116.9560, 21.6360, 26.4040

Conversions

Conversions Part 2

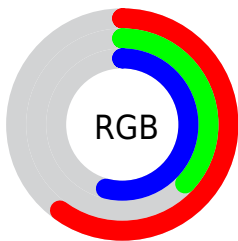
Format	Color
R_{YB}	154, 94, 138
Decimal	10116746
CIE _{Lab}	48.00, 31.21, -14.10
CIE _{LCh}	48, 34.244, 335.681
Yxy	16.7945, 0.3385, 0.2582
Android (android.graphics.Color)	4288306826 (0xFF9A5E8A)
YUV	116.9560, 10.3747, 32.4876
Hunter-Lab	40.9810, 24.1758, -9.2642

Details

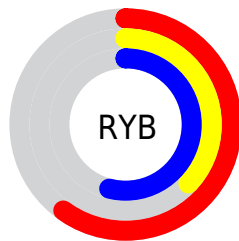
The CIELCh color $48, 34.244, 335.681$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $59, 33.966, 149.769$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $68, 33.687, 335.855$, and $28, 33.862, 335.436$ is the 20% darker color. If you saturate the color by 10%, you get $45, 42.470, 336.486$, and if you desaturate by 10%, it is $52, 25.562, 334.926$.

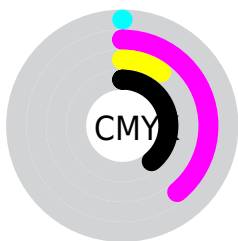
Distribution



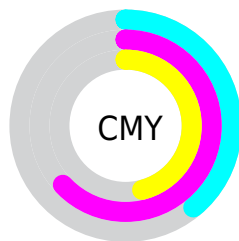
- Red (60%)
- Green (37%)
- Blue (54%)



- Red (60%)
- Yellow (37%)
- Blue (54%)



- Cyan (0%)
- Magenta (39%)
- Yellow (10%)
- Black (39%)




- Cyan (39%)
- Magenta (63%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 34.244, 335.681 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, 34.244, 335.681 by changing the saturation by 10% instead.


 48, 34.244,
335.681


 48, 34.244,
335.681


 100, 34.244,
335.681


 38, 34.244,
335.681

 68, 34.244,
335.681


 28, 34.244,
335.681

 78, 34.244,
335.681

 18, 34.244,
335.681


 88, 34.244,
335.681

 8, 34.244, 335.681

 98, 34.244,
335.681

 0, 34.244, 335.681

 48, 34.244,

 48, 34.244,

335.681

45, 42.470,
336.486

41, 49.909,
337.354

39, 56.163,
338.309

37, 60.842,
339.388

35, 63.668,
340.644

34, 64.880,
342.091

34, 64.999,
342.252

335.681

52, 25.562,
334.926

56, 16.692,
334.208

60, 7.814, 333.515

64, 0.949, 153.196

69, 9.525, 152.332

73, 17.871,
151.745

77, 25.972,
151.197

82, 33.822,
150.682

86, 41.428,

Harmonies

Complementary

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



48, 34.244, 335.681



59, 33.966, 149.769

Rectangle

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



48, 34.244, 335.681



48, 34.244, 25.681



48, 34.244, 155.681



48, 34.244, 205.681

Sweetspot

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



48, 34.242, 335.681



75, 13.124, 333.746



44, 36.515, 303.450



39, 8.781, 333.828



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



48, 34.242, 335.681



58, 50.817, 336.406



47, 26.482, 5.361



30, 4.929, 333.538



31, 60.715, 342.102



1, 5.245, 333.451

Inverse Universe

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



48, 34.242, 335.681



58, 50.817, 336.406



59, 22.909, 176.991



30, 4.929, 333.538



31, 60.715, 342.102



1, 5.245, 333.451

Previews

White Background



This preview shows how the CIELCh color 48, 34.244, 335.681 looks on a white background.

Color Contrast Check

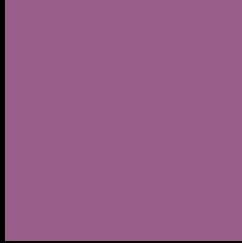
Large Text (above 18pt) WCAG AA ✓ Pass

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, 34.244, 335.681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

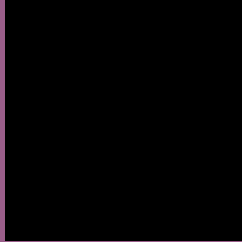
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 34.244, 335.681

Background



This preview shows how black text looks on a background with the CIELCh color 48, 34.244, 335.681.



This preview shows how white text looks on a background with the CIELCh color 48, 34.244, 335.681.

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

48, 34.244, 335.681

Protanopia

48, 23.084, 285.493

Deuteranopia

48, 13.642, 296.709



Tritanopia
48, 22.120, 10.307

Trichromacy



Original Color
48, 34.244, 335.681

Protanomaly
48, 25.038, 306.684

Deuteranomaly
48, 19.852, 318.727

Tritanomaly
48, 25.131, 353.860

Monochromacy



Original Color
48, 34.244, 335.681

Achromatopsia
49, 0.007, 296.813

Achromatomaly
49, 12.906, 334.281

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 34.244, 335.681 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(154, 94, 138)` looks like.

```
.text, #text, p{  
    color:rgb(154, 94, 138)  
}
```

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(154, 94, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 94, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 34.244, 335.681 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(154, 94, 138) }
```

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

```
.border{ border-color:rgb(154, 94, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 94, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 94, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 94, 138);  
box-shadow:4px 4px 4px 4px rgb(154, 94,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 34.244, 335.681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 94, 138) }
```

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

```
.background{ background-color: rgb(154, 94,  
138) }
```

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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