

Converting Colors

CIELCh(68, 25.140, 317.614)

Have a look what the booklet for
CIELCh(68, 25.140, 317.614)
contains.

CIELCh(68, 25.140, 317.614)	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(68, 25.140, 317.614)

Conversions

Conversions Part 1

Format	Color
Hex	B99BC4
RGB	185, 155, 196
RGB Percent	73%, 61%, 77%
CMY	0.2727, 0.3904, 0.2295
CMYK	0.06, 0.21, 0.00, 0.23
HSL	284°, 26%, 69%
HSV	284°, 21%, 77%
XYZ	41.9338, 37.9720, 57.6241
YIQ	168.6440, 4.7190, 19.1110

Conversions

Conversions Part 2

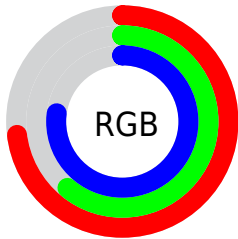
Format	Color
RYB	185, 155, 196
Decimal	12164036
CIELab	68.00, 18.57, -16.95
CIELCh	68, 25.140, 317.614
Yxy	37.9720, 0.3049, 0.2761
Android (android.graphics.Color)	4290354116 (0xFFB99BC4)
YUV	168.6440, 13.4865, 14.3442
Hunter-Lab	61.6215, 13.6329, -12.3089

Details

The CIELCh color $68, 25.140, 317.614$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $76, 24.796, 135.764$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 24.989, 317.115$, and $48, 24.842, 318.002$ is the 20% darker color. If you saturate the color by 10%, you get $63, 37.393, 318.049$, and if you desaturate by 10%, it is $73, 12.982, 317.173$.

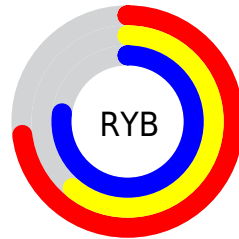
Distribution



Red (73%)

Green (61%)

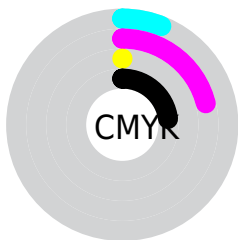
Blue (77%)



Red (73%)

Yellow (61%)

Blue (77%)

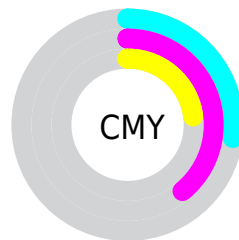


Cyan (6%)

Magenta (21%)

Yellow (0%)

Black (23%)



Cyan (27%)


Magenta (39%)

Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 25.140, 317.614 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 68, 25.140, 317.614 by changing the saturation by 10% instead.


 68, 25.140,
317.614

 68, 25.140,
317.614


 100, 25.140,
317.614


 58, 25.140,
317.614


 88, 25.140,
317.614

 48, 25.140,
317.614

 98, 25.140,
317.614

 38, 25.140,
317.614

 28, 25.140,
317.614

 18, 25.140,
317.614

 8, 25.140, 317.614

 0, 25.140, 317.614

68, 25.140,
317.614

68, 25.140,
317.614

63, 37.393,
318.049

73, 12.982,
317.173

58, 49.558,
318.462

79, 1.043, 316.587

53, 61.343,
318.824

84, 10.616,
136.385

49, 72.335,
319.096

90, 21.958,
136.003

45, 81.995,
319.229

95, 32.973,
135.657

42, 89.718,
319.162

96, 32.872,
133.014


39, 94.989,
318.842

96, 32.066,
130.021

38, 97.867,

97, 31.350,
126.841

318.349

 97, 30.736,
123.483

Harmonies

Complementary

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



68, 25.140, 317.614



76, 24.796, 135.764

Rectangle

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



68, 25.140, 317.614



68, 25.140, 7.614



68, 25.140, 137.614



68, 25.140, 187.614

Sweetspot

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



68, 25.138, 317.614



96, 8.810, 316.958



69, 16.549, 277.813



51, 5.847, 316.989



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 25.138, 317.614



83, 37.314, 317.811



69, 23.272, 332.444



39, 6.827, 317.107



31, 85.230, 318.467



3, 23.808, 315.343

Inverse Universe

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



68, 16.979, 0.327



84, 25.340, 0.897



76, 23.165, 149.642



39, 4.547, 359.024



34, 63.598, 23.331



4, 16.398, 5.783

Previews

White Background



This preview shows how the CIELCh color 68, 25.140, 317.614 looks on a white background.

Color Contrast Check

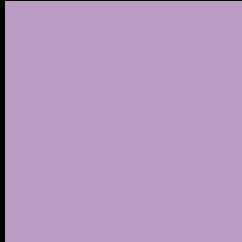
Large Text (above 18pt) WCAG AA × Fail

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 68, 25.140, 317.614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

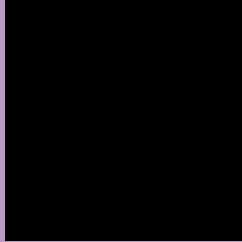
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 25.140, 317.614

Background



This preview shows how black text looks on a background with the CIELCh color 68, 25.140, 317.614.



This preview shows how white text looks on a background with the CIELCh color 68, 25.140, 317.614.

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

68, 25.140, 317.614

Protanopia

68, 21.019, 285.798

Deuteranopia

68, 18.371, 298.604



Tritanopia
68, 10.668, 342.214

Trichromacy



Original Color
68, 25.140, 317.614

Protanomaly
68, 21.675, 297.839

Deuteranomaly
68, 20.557, 306.082

Tritanomaly
68, 15.770, 327.430

Monochromacy



Original Color
68, 25.140, 317.614

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 9.253, 317.110

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 25.140, 317.614 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(185, 155, 196)` looks like.

```
.text, #text, p{  
    color:rgb(185, 155, 196)  
}
```

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(185, 155, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 155, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 25.140, 317.614 is called "border". The border property can be set on classes, ids or directly on the HTML element.

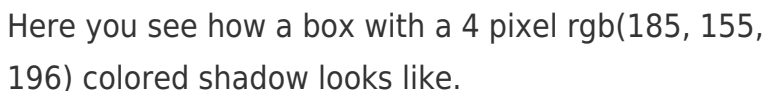
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 155, 196) }
```

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

```
.border{ border-color:rgb(185, 155, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 155, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 155, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 155, 196); box-shadow:4px 4px 4px 4px rgb(185, 155, 196) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 25.140, 317.614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 155, 196) }
```

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

```
.background{ background-color: rgb(185,  
155, 196) }
```

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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