

Converting Colors

CIELCh(50, 54.249, 326.294)

Have a look what the booklet for
CIELCh(50, 54.249, 326.294)
contains.

CIELCh(50, 54.561, 326.222)	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(50, 54.561, 326.222)

Conversions

Conversions Part 1

Format	Color
Hex	A958AB
RGB	169, 88, 171
RGB Percent	66%, 35%, 67%
CMY	0.3364, 0.6541, 0.3286
CMYK	0.01, 0.48, 0.00, 0.33
HSL	299°, 33%, 51%
HSV	299°, 48%, 67%
XYZ	27.2844, 18.4187, 40.7486
YIQ	121.6810, 21.6330, 42.9850

Conversions

Conversions Part 2

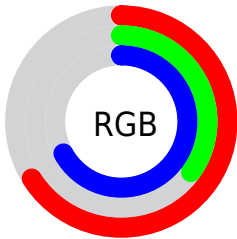
Format	Color
R_{YB}	169, 88, 171
Decimal	11098283
CIE _{Lab}	50.00, 45.35, -30.33
CIE _{LCh}	50, 54.561, 326.222
Yxy	18.4187, 0.3156, 0.2131
Android (android.graphics.Color)	4289288363 (0xFFA958AB)
YUV	121.6810, 24.3143, 41.4988
Hunter-Lab	42.9170, 38.3763, -26.2525

Details

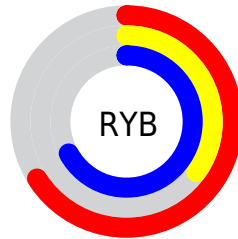
The CIELCh color `50, 54.561, 326.222` is a dark color, and the websafe version is hex `CC66CC`. A complement of this color would be `63, 54.687, 140.110`, and the grayscale version is `51, 0.007, 296.813`.

A 20% lighter version of the original color is `70, 54.552, 326.138`, and `30, 54.448, 326.492` is the 20% darker color. If you saturate the color by 10%, you get `47, 64.206, 326.614`, and if you desaturate by 10%, it is `54, 43.930, 325.770`.

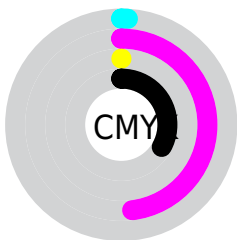
Distribution



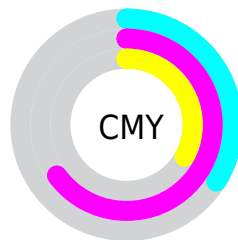
- Red (66%)
- Green (35%)
- Blue (67%)



- Red (66%)
- Yellow (35%)
- Blue (67%)



- Cyan (1%)
- Magenta (48%)
- Yellow (0%)
- Black (33%)





- Cyan (34%)
- Magenta (65%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 54.561, 326.222 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 50, 54.561, 326.222 by changing the saturation by 10% instead.


 50, 54.561,
326.222

 50, 54.561,
326.222


 100, 54.561,
326.222

 40, 54.561,
326.222


 70, 54.561,
326.222

 30, 54.561,
326.222

 80, 54.561,
326.222


 20, 54.561,
326.222

 90, 54.561,
326.222

 10, 54.561,
326.222

 0, 54.561, 326.222

 50, 54.561,
326.222

 50, 54.561,
326.222

47, 64.206,
326.614

54, 43.930,
325.770

44, 72.432,
326.928

58, 32.713,
325.277

42, 78.827,
327.149

62, 21.224,
324.759

41, 83.126,
327.265

66, 9.696, 324.223

40, 85.513,
327.290

71, 1.710, 143.857

40, 85.830,
327.291

75, 12.891,
143.233

80, 23.786,
142.734

85, 34.363,
142.262

90, 44.610,
141.817

Harmonies

Complementary

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



50, 54.561, 326.222



63, 54.687, 140.110

Rectangle

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



50, 54.561, 326.222



50, 54.561, 16.222



50, 54.561, 146.222



50, 54.561, 196.222

Sweetspot

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



50, 54.559, 326.222



80, 21.243, 324.589



42, 48.334, 295.818



42, 14.620, 324.697



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



50, 54.559, 326.222



60, 78.486, 326.633



49, 40.490, 346.700



34, 6.541, 324.269



35, 78.044, 327.301



2, 13.700, 323.493

Inverse Universe

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



48, 36.968, 22.957



56, 55.943, 25.353



64, 38.793, 157.013



34, 3.817, 17.964



31, 69.106, 38.486



2, 7.808, 17.774

Previews

White Background



This preview shows how the CIELCh color 50, 54.561, 326.222 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 50, 54.561, 326.222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

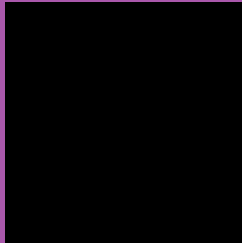
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 54.561, 326.222

Background



This preview shows how black text looks on a background with the CIELCh color 50, 54.561, 326.222.

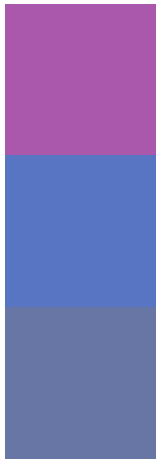


This preview shows how white text looks on a background with the CIELCh color 50, 54.561, 326.222.

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

50, 54.561, 326.222

Protanopia

50, 45.765, 285.781

Deuteranopia

50, 28.251, 284.407



Tritanopia
50, 25.380, 13.669

Trichromacy



Original Color
50, 54.561, 326.222

Protanomaly
49, 46.508, 299.972

Deuteranomaly
49, 36.630, 305.760

Tritanomaly
50, 32.671, 347.183

Monochromacy



Original Color
50, 54.561, 326.222

Achromatopsia
51, 0.007, 296.813

Achromatomaly
50, 20.833, 324.632

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 54.561, 326.222 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(169, 88, 171)` looks like.

```
.text, #text, p{  
    color:rgb(169, 88, 171)  
}
```

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(169, 88, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 88, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 54.561, 326.222 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(169, 88, 171) }
```

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

```
.border{ border-color:rgb(169, 88, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 88, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 88, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 88, 171);  
box-shadow:4px 4px 4px 4px rgb(169, 88,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 54.561, 326.222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 88, 171) }
```

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

```
.background{ background-color: rgb(169, 88,  
171) }
```

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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