

Converting Colors

CIELCh(61, 23.324, 334.505)

Have a look what the booklet for
CIELCh(61, 23.324, 334.505)
contains.

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Color

CIELCh(61, 22.913, 334.598)

Conversions

Conversions Part 1

Format	Color
Hex	B087A5
RGB	176, 135, 165
RGB Percent	69%, 53%, 65%
CMY	0.3101, 0.4708, 0.3532
CMYK	0.00, 0.23, 0.06, 0.31
HSL	316°, 21%, 61%
HSV	316°, 23%, 69%
XYZ	33.3315, 29.2481, 39.4562
YIQ	150.6790, 14.8060, 18.0220

Conversions

Conversions Part 2

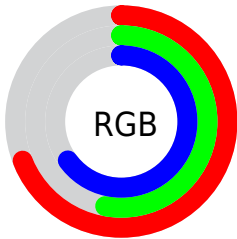
Format	Color
RYB	176, 135, 165
Decimal	11569061
CIELab	61.00, 20.70, -9.83
CIElCh	61, 22.913, 334.598
Yxy	29.2481, 0.3267, 0.2866
Android (android.graphics.Color)	4289759141 (0xFFB087A5)
YUV	150.6790, 7.0603, 22.2065
Hunter-Lab	54.0815, 15.3702, -5.3990

Details

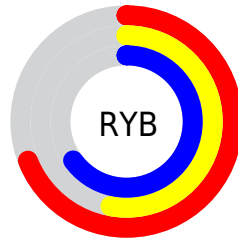
The CIELCh color **61, 22.913, 334.598** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **68, 22.746, 151.312**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 22.619, 334.714**, and **41, 22.751, 334.878** is the 20% darker color. If you saturate the color by 10%, you get **57, 32.705, 335.342**, and if you desaturate by 10%, it is **66, 13.023, 333.889**.

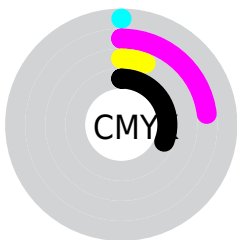
Distribution



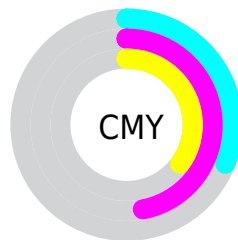
- Red (69%)
- Green (53%)
- Blue (65%)



- Red (69%)
- Yellow (53%)
- Blue (65%)



- Cyan (0%)
- Magenta (23%)
- Yellow (6%)
- Black (31%)





- Cyan (31%)
- Magenta (47%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 22.913, 334.598 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 61, 22.913, 334.598 by changing the saturation by 10% instead.

 61, 22.913,
334.598


 61, 22.913,
334.598


 100, 22.913,
334.598


 51, 22.913,
334.598


 81, 22.913,
334.598

 41, 22.913,
334.598


 91, 22.913,
334.598

 31, 22.913,
334.598

 21, 22.913,
334.598

 11, 22.913,
334.598

 1, 22.913, 334.598

 0, 22.913, 334.598

61, 22.913,
334.598

61, 22.913,
334.598

57, 32.705,
335.342

66, 13.023,
333.889

53, 42.157,
336.131

70, 3.210, 333.156

75, 6.424, 152.667

49, 50.928,
336.975

80, 15.816,
152.045

46, 58.598,
337.897

85, 24.937,
151.476

43, 64.707,
338.927

90, 33.777,
150.942

41, 68.861,
340.110


94, 40.525,
150.918

40, 70.865,
341.508

94, 38.706,
153.256

39, 71.398,

342.546

 94, 36.941,
155.807

Harmonies

Complementary

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



61, 22.913, 334.598



68, 22.746, 151.312

Rectangle

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



61, 22.913, 334.598



61, 22.913, 24.598



61, 22.913, 154.598



61, 22.913, 204.598

Sweetspot

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



61, 22.911, 334.599



87, 8.471, 333.455



59, 23.712, 302.136



46, 5.501, 333.496



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



61, 22.911, 334.599



75, 34.180, 334.980



60, 17.188, 3.152



34, 5.463, 333.609



33, 63.769, 342.317



2, 10.776, 336.558

Inverse Universe

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



61, 22.911, 334.599



75, 34.180, 334.980



69, 15.797, 178.602



34, 5.463, 333.609



33, 63.769, 342.317



2, 10.776, 336.558

Previews

White Background



This preview shows how the CIELCh color 61, 22.913, 334.598 looks on a white background.

Color Contrast Check

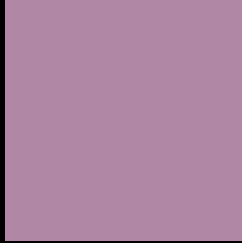
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 61, 22.913, 334.598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

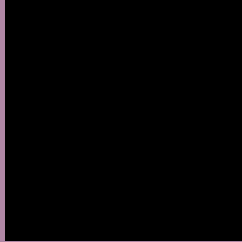
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 22.913, 334.598

Background



This preview shows how black text looks on a background with the CIELCh color 61, 22.913, 334.598.



This preview shows how white text looks on a background with the CIELCh color 61, 22.913, 334.598.

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

61, 22.913, 334.598

Protanopia

61, 14.661, 287.598

Deuteranopia

61, 12.060, 311.309



Tritanopia
61, 15.471, 357.645

Trichromacy



Original Color
61, 22.913, 334.598

Protanomaly
61, 16.034, 309.152

Deuteranomaly
61, 15.920, 322.879

Tritanomaly
61, 17.878, 347.032

Monochromacy



Original Color
61, 22.913, 334.598

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 8.483, 333.546

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 22.913, 334.598 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(176, 135, 165)` looks like.

```
.text, #text, p{  
    color:rgb(176, 135, 165)  
}
```

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(176, 135, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 135, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 22.913, 334.598 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(176, 135, 165) }
```

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

```
.border{ border-color:rgb(176, 135, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 135, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 135, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 135, 165);  
box-shadow:4px 4px 4px 4px rgb(176, 135,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 22.913, 334.598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 135, 165) }
```

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

```
.background{ background-color: rgb(176,  
135, 165) }
```

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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