

Converting Colors

CIELCh(65, 21.410, 326.184)

Have a look what the booklet for
CIELCh(65, 21.410, 326.184)
contains.

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Color

CIELCh(65, 20.965, 326.250)

Conversions

Conversions Part 1

Format	Color
Hex	B494B3
RGB	180, 148, 179
RGB Percent	71%, 58%, 70%
CMY	0.2949, 0.4203, 0.2988
CMYK	0.00, 0.18, 0.01, 0.29
HSL	302°, 18%, 64%
HSV	302°, 18%, 71%
XYZ	37.4540, 34.0472, 47.1422
YIQ	161.1020, 9.1210, 16.4250

Conversions

Conversions Part 2

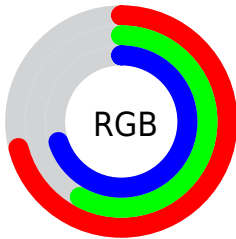
Format	Color
R_{YB}	180, 148, 179
Decimal	11834547
CIE _{Lab}	65.00, 17.43, -11.65
CIE _{LCh}	65, 20.965, 326.250
Yxy	34.0472, 0.3157, 0.2870
Android (android.graphics.Color)	4290024627 (0xFFB494B3)
YUV	161.1020, 8.8237, 16.5735
Hunter-Lab	58.3500, 12.4641, -7.0567

Details

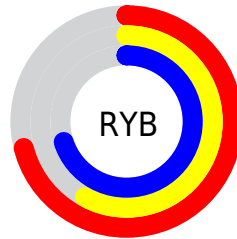
The CIELCh color $65, 20.965, 326.250$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $70, 20.942, 144.176$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 21.178, 326.025$, and $45, 20.935, 326.595$ is the 20% darker color. If you saturate the color by 10%, you get $61, 32.747, 326.801$, and if you desaturate by 10%, it is $70, 9.138, 325.684$.

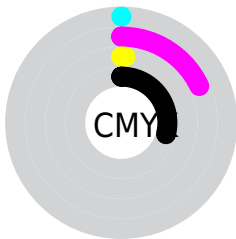
Distribution



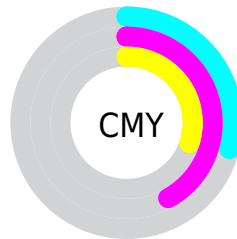
- Red (71%)
- Green (58%)
- Blue (70%)



- Red (71%)
- Yellow (58%)
- Blue (70%)



- Cyan (0%)
- Magenta (18%)
- Yellow (1%)
- Black (29%)





- Cyan (29%)
- Magenta (42%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 20.965, 326.250 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 65, 20.965, 326.250 by changing the saturation by 10% instead.


 65, 20.965,
326.250


 65, 20.965,
326.250


 100, 20.965,
326.250


 55, 20.965,
326.250


 85, 20.965,
326.250

 45, 20.965,
326.250

 95, 20.965,
326.250

 35, 20.965,
326.250

 25, 20.965,
326.250

 15, 20.965,
326.250

 5, 20.965, 326.250

 0, 20.965, 326.250

65, 20.965,
326.250

65, 20.965,
326.250

61, 32.747,
326.801

70, 9.138, 325.684

57, 44.248,
327.332

74, 2.559, 145.262

53, 55.135,
327.833

79, 14.021,
144.651

49, 64.997,
328.288

84, 25.185,
144.130

47, 73.378,
328.685

89, 36.020,
143.636

45, 79.852,
329.014

94, 46.103,
143.195


43, 84.144,
329.273


94, 45.869,
143.397

43, 86.369,

94, 45.635,
143.601

329.469

 94, 45.402,
143.807

 42, 86.764,
329.510

Harmonies

Complementary

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



65, 20.965, 326.250



70, 20.942, 144.176

Rectangle

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



65, 20.965, 326.250



65, 20.965, 16.250



65, 20.965, 146.250



65, 20.965, 196.250

Sweetspot

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



65, 20.963, 326.250



90, 7.269, 325.522



62, 17.967, 292.722



47, 4.957, 325.564



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



65, 20.963, 326.250



81, 30.736, 326.448



65, 15.009, 346.091



35, 6.609, 325.773



36, 77.048, 329.493



3, 15.741, 325.739

Inverse Universe

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



65, 20.963, 326.250



81, 30.736, 326.448



71, 14.655, 163.033



35, 6.609, 325.773



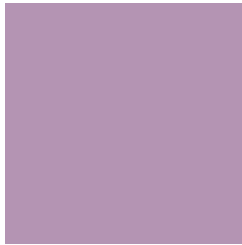
36, 77.048, 329.493



3, 15.741, 325.739

Previews

White Background



This preview shows how the CIELCh color 65, 20.965, 326.250 looks on a white background.

Color Contrast Check

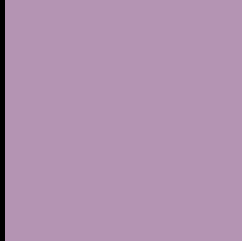
Large Text (above 18pt) WCAG AA × Fail

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 65, 20.965, 326.250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

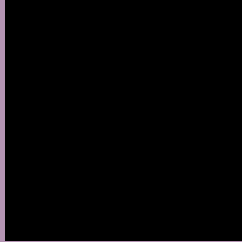
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 20.965, 326.250

Background



This preview shows how black text looks on a background with the CIELCh color 65, 20.965, 326.250.



This preview shows how white text looks on a background with the CIELCh color 65, 20.965, 326.250.

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
65, 20.965, 326.250

Protanopia
65, 15.596, 286.625

Deuteranopia
65, 13.905, 306.772



Tritanopia
65, 11.745, 349.316

Trichromacy



Original Color
65, 20.965, 326.250

Protanomaly
65, 16.519, 303.142

Deuteranomaly
65, 15.985, 316.087

Tritanomaly
65, 14.628, 337.818

Monochromacy



Original Color
65, 20.965, 326.250

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 7.645, 327.141

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 20.965, 326.250 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(180, 148, 179)` looks like.

```
.text, #text, p{  
    color:rgb(180, 148, 179)  
}
```

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(180, 148, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 148, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 20.965, 326.250 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(180, 148, 179) }
```

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

```
.border{ border-color:rgb(180, 148, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 148, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 148, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 148, 179);  
box-shadow:4px 4px 4px 4px rgb(180, 148,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 20.965, 326.250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 148, 179) }
```

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

```
.background{ background-color: rgb(180,  
148, 179) }
```

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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