

Converting Colors

CIELCh(60, 20.322, 325.939)

Have a look what the booklet for
CIELCh(60, 20.322, 325.939)
contains.

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Color

CIELCh(60, 20.401, 325.409)

Conversions

Conversions Part 1

Format	Color
Hex	A587A5
RGB	165, 135, 165
RGB Percent	65%, 53%, 65%
CMY	0.3522, 0.4698, 0.3522
CMYK	0.00, 0.18, 0.00, 0.35
HSL	300°, 14%, 59%
HSV	300°, 18%, 65%
XYZ	31.0560, 28.1233, 39.4801
YIQ	147.3900, 8.2500, 15.6900

Conversions

Conversions Part 2

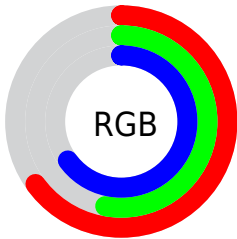
Format	Color
R_{YB}	165, 135, 165
Decimal	10848165
CIE _{Lab}	60.00, 16.79, -11.58
CIE _{LCh}	60, 20.401, 325.409
Yxy	28.1233, 0.3148, 0.2851
Android (android.graphics.Color)	4289038245 (0xFFA587A5)
YUV	147.3900, 8.6817, 15.4440
Hunter-Lab	53.0314, 11.7272, -7.0174

Details

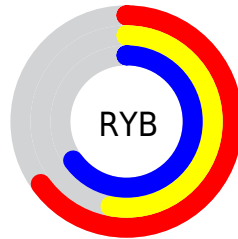
The CIELCh color $60, 20.401, 325.409$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $65, 20.382, 143.326$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 20.604, 325.226$, and $40, 20.405, 325.716$ is the 20% darker color. If you saturate the color by 10%, you get $56, 31.624, 325.942$, and if you desaturate by 10%, it is $64, 9.128, 324.858$.

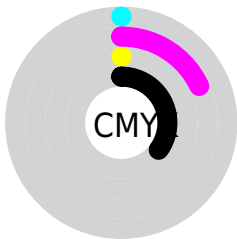
Distribution



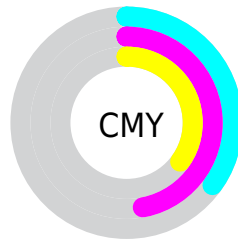
- Red (65%)
- Green (53%)
- Blue (65%)



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



- Cyan (0%)
- Magenta (18%)
- Yellow (0%)
- Black (35%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 20.401, 325.409 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 60, 20.401, 325.409 by changing the saturation by 10% instead.


 60, 20.401,
325.409


 60, 20.401,
325.409


 100, 20.401,
325.409


 50, 20.401,
325.409


 80, 20.401,
325.409

 40, 20.401,
325.409

 90, 20.401,
325.409

 30, 20.401,
325.409

 20, 20.401,
325.409

 10, 20.401,
325.409

 0, 20.401, 325.409

 60, 20.401,

 60, 20.401,

325.409

56, 31.624,
325.942

52, 42.571,
326.451

49, 52.932,
326.922

46, 62.324,
327.338

43, 70.327,
327.684

41, 76.556,
327.947

40, 80.763,
328.122

39, 83.122,
328.219

325.409

64, 9.128, 324.858

69, 2.028, 144.457

73, 12.965,
143.839

78, 23.622,
143.325

82, 33.966,
142.837

87, 43.984,
142.376

92, 53.676,
141.942

93, 56.075,
141.836

■ 39, 83.500,
328.235

■ 93, 56.075,
141.837

Harmonies

Complementary

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



60, 20.401, 325.409



65, 20.382, 143.326

Rectangle

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



60, 20.401, 325.409



60, 20.401, 15.409



60, 20.401, 145.409



60, 20.401, 195.409

Sweetspot

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



60, 20.399, 325.409



83, 6.896, 324.678



57, 17.124, 292.155



43, 4.698, 324.718



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



60, 20.399, 325.409



74, 30.544, 325.637



60, 14.457, 345.183



32, 6.267, 324.919



34, 76.018, 328.235



2, 9.704, 324.441

Inverse Universe

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



60, 20.399, 325.409



74, 30.544, 325.637



65, 14.136, 162.119



32, 6.267, 324.919



34, 76.018, 328.235



2, 9.704, 324.441

Previews

White Background



This preview shows how the CIELCh color 60, 20.401, 325.409 looks on a white background.

Color Contrast Check

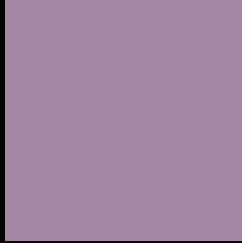
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 20.401, 325.409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

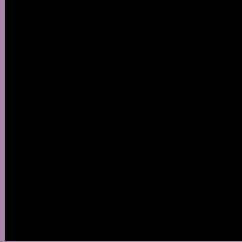
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 20.401, 325.409

Background



This preview shows how black text looks on a background with the CIELCh color 60, 20.401, 325.409.



This preview shows how white text looks on a background with the CIELCh color 60, 20.401, 325.409.

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
60, 20.401, 325.409

Protanopia
60, 15.310, 285.207

Deuteranopia
60, 13.482, 305.903



Tritanopia
60, 11.593, 348.354

Trichromacy



Original Color
60, 20.401, 325.409

Protanomaly
60, 16.155, 302.303

Deuteranomaly
60, 15.566, 315.718

Tritanomaly
60, 14.567, 336.811

Monochromacy



Original Color
60, 20.401, 325.409

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 7.539, 324.795

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 20.401, 325.409 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(165, 135, 165)` looks like.

```
.text, #text, p{  
    color:rgb(165, 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(165, 135, 165) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 60, 20.401, 325.409 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(165, 135, 165) }
```

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

```
.border{ border-color:rgb(165, 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(165, 135, 165)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 60, 20.401, 325.409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(165,  
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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