

Converting Colors

CIELCh(60, 24.495, 337.560)

Have a look what the booklet for
CIELCh(60, 24.495, 337.560)
contains.

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Color

CIELCh(60, 24.320, 338.221)

Conversions

Conversions Part 1

Format	Color
Hex	B183A1
RGB	177, 131, 161
RGB Percent	69%, 51%, 63%
CMY	0.3062, 0.4865, 0.3689
CMYK	0.00, 0.26, 0.09, 0.31
HSL	321°, 23%, 60%
HSV	321°, 26%, 69%
XYZ	32.6487, 28.1233, 37.3932
YIQ	148.1740, 17.7860, 19.0820

Conversions

Conversions Part 2

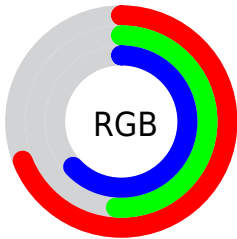
Format	Color
RYB	177, 131, 161
Decimal	11633569
CIELab	60.00, 22.58, -9.02
CIElCh	60, 24.320, 338.221
Yxy	28.1233, 0.3326, 0.2865
Android (android.graphics.Color)	4289823649 (0xFFB183A1)
YUV	148.1740, 6.3232, 25.2804
Hunter-Lab	53.0314, 17.0883, -4.6842

Details

The CIELCh color $60, 24.320, 338.221$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $68, 23.991, 154.205$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 24.590, 337.808$, and $40, 24.229, 338.922$ is the 20% darker color. If you saturate the color by 10%, you get $56, 33.617, 339.086$, and if you desaturate by 10%, it is $65, 14.900, 337.421$.

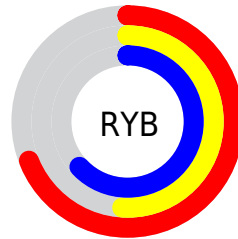
Distribution



Red (69%)

Green (51%)

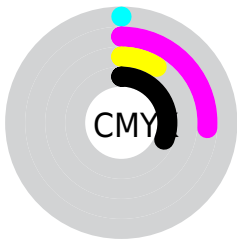
Blue (63%)



Red (69%)

Yellow (51%)

Blue (63%)

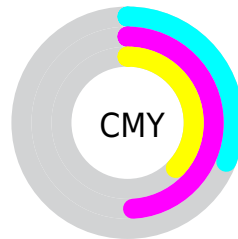


Cyan (0%)

Magenta (26%)

Yellow (9%)

Black (31%)



Cyan (31%)


Magenta (49%)


Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 24.320, 338.221 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, 24.320, 338.221 by changing the saturation by 10% instead.


 60, 24.320,
338.221


 60, 24.320,
338.221


 100, 24.320,
338.221


 50, 24.320,
338.221


 80, 24.320,
338.221

 40, 24.320,
338.221

 90, 24.320,
338.221

 30, 24.320,
338.221

 20, 24.320,
338.221

 10, 24.320,
338.221

 0, 24.320, 338.221

 60, 24.320,

 60, 24.320,

338.221

56, 33.617,
339.086

52, 42.537,
340.034

48, 50.724,
341.093

45, 57.746,
342.305

42, 63.148,
343.732

40, 66.571,
345.456

39, 67.935,
347.568

39, 68.233,
348.474

338.221

65, 14.900,
337.421

69, 5.541, 336.648

74, 3.648, 156.107


79, 12.604,
155.401

84, 21.295,
154.788

89, 29.711,
154.218

94, 37.856,
153.685

94, 35.705,
157.102

 94, 33.547,
160.998

Harmonies

Complementary

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



60, 24.320, 338.221



68, 23.991, 154.205

Rectangle

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



60, 24.320, 338.221



60, 24.320, 28.221



60, 24.320, 158.221



60, 24.320, 208.221

Sweetspot

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



60, 24.318, 338.222



86, 9.153, 336.816



58, 26.893, 304.644



45, 6.506, 336.930



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



60, 24.318, 338.222



73, 35.828, 338.691



59, 19.064, 8.517



35, 5.287, 336.908



33, 61.439, 348.161



2, 11.746, 341.381

Inverse Universe

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



60, 24.318, 338.222



73, 35.828, 338.691



69, 16.967, 183.574



35, 5.287, 336.908



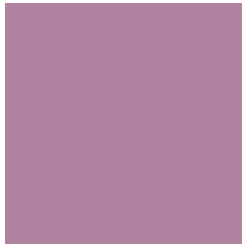
33, 61.439, 348.161



2, 11.746, 341.381

Previews

White Background



This preview shows how the CIELCh color 60, 24.320, 338.221 looks on a white background.

Color Contrast Check

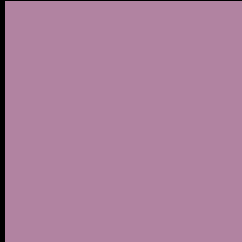
Large Text (above 18pt) WCAG AA ✓ Pass

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, 24.320, 338.221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

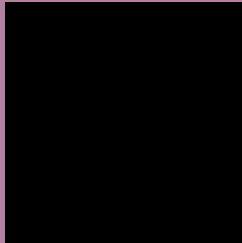
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 24.320, 338.221

Background



This preview shows how black text looks on a background with the CIELCh color 60, 24.320, 338.221.



This preview shows how white text looks on a background with the CIELCh color 60, 24.320, 338.221.

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, 24.320, 338.221

Protanopia

60, 14.160, 285.942

Deuteranopia

60, 11.040, 313.306



Tritanopia
60, 17.271, 2.390

Trichromacy



Original Color
60, 24.320, 338.221

Protanomaly
60, 16.207, 310.430

Deuteranomaly
60, 15.922, 326.376

Tritanomaly
60, 19.371, 352.094

Monochromacy



Original Color
60, 24.320, 338.221

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 9.060, 337.232

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 24.320, 338.221 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(177, 131, 161)` looks like.

```
.text, #text, p{  
    color:rgb(177, 131, 161)  
}
```

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(177, 131, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 131, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 24.320, 338.221 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(177, 131, 161) }
```

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

```
.border{ border-color:rgb(177, 131, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 131, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 131, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 131, 161);  
box-shadow:4px 4px 4px 4px rgb(177, 131,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 24.320, 338.221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 131, 161) }
```

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

```
.background{ background-color: rgb(177,  
131, 161) }
```

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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