

Converting Colors

CIELCh(60, 20.603, 320.020)

Have a look what the booklet for
CIELCh(60, 20.603, 320.020)
contains.

CIELCh(60, 20.579, 320.015)	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(60, 20.579, 320.015)

Conversions

Conversions Part 1

Format	Color
Hex	A288A8
RGB	162, 136, 168
RGB Percent	64%, 53%, 66%
CMY	0.3646, 0.4666, 0.3411
CMYK	0.04, 0.19, 0.00, 0.34
HSL	289°, 16%, 60%
HSV	289°, 19%, 66%
XYZ	30.7790, 28.1233, 40.8594
YIQ	147.4220, 5.2240, 15.4640

Conversions

Conversions Part 2

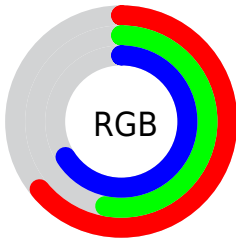
Format	Color
R_{YB}	162, 136, 168
Decimal	10651816
CIE _{Lab}	60.00, 15.77, -13.22
CIE _{LCh}	60, 20.579, 320.015
Yxy	28.1233, 0.3085, 0.2819
Android (android.graphics.Color)	4288841896 (0xFFA288A8)
YUV	147.4220, 10.1450, 12.7849
Hunter-Lab	53.0314, 10.7950, -8.5595

Details

The CIELCh color $60, 20.579, 320.015$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $66, 20.405, 138.257$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 20.755, 320.189$, and $40, 20.634, 319.899$ is the 20% darker color. If you saturate the color by 10%, you get $56, 31.515, 320.458$, and if you desaturate by 10%, it is $65, 9.700, 319.560$.

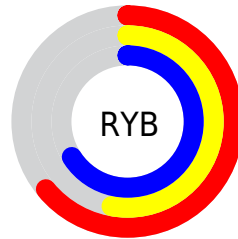
Distribution



Red (64%)

Green (53%)

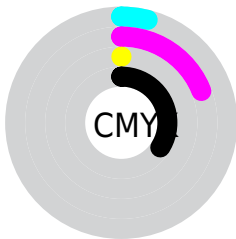
Blue (66%)



Red (64%)

Yellow (53%)

Blue (66%)

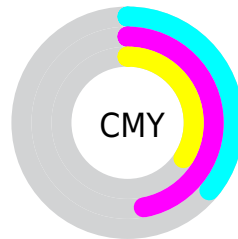


Cyan (4%)

Magenta (19%)

Yellow (0%)

Black (34%)



Cyan (36%)


Magenta (47%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 20.579, 320.015 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, 20.579, 320.015 by changing the saturation by 10% instead.


 60, 20.579,
320.015


 60, 20.579,
320.015


 100, 20.579,
320.015


 50, 20.579,
320.015


 80, 20.579,
320.015

 40, 20.579,
320.015

 90, 20.579,
320.015

 30, 20.579,
320.015

 20, 20.579,
320.015

 10, 20.579,
320.015

 0, 20.579, 320.015

 60, 20.579,

 60, 20.579,

320.015

56, 31.515,
320.458

51, 42.338,
320.879

47, 52.789,
321.253

43, 62.514,
321.549

40, 71.069,
321.731

38, 77.971,
321.755

36, 82.814,
321.583

34, 85.734,
321.226

320.015

65, 9.700, 319.560

69, 1.006, 139.329

74, 11.473,
138.743

79, 21.665,
138.340

84, 31.566,
137.968

89, 41.175,
137.624

93, 50.497,
137.309

94, 50.716,
136.364

■ 34, 85.996,
321.192

■ 94, 50.152,
135.329

Harmonies

Complementary

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



60, 20.579, 320.015



66, 20.405, 138.257

Rectangle

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



60, 20.579, 320.015



60, 20.579, 10.015



60, 20.579, 140.015



60, 20.579, 190.015

Sweetspot

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



60, 20.577, 320.015



84, 7.973, 319.422



59, 14.613, 282.823



44, 5.283, 319.452



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



60, 20.577, 320.015



74, 30.938, 320.211



60, 17.617, 335.583



33, 6.079, 319.572



30, 78.284, 321.261



2, 10.825, 317.407

Inverse Universe

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



60, 13.217, 6.056



74, 20.041, 6.587



66, 17.480, 152.899



33, 3.834, 4.984



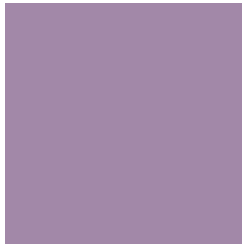
30, 61.850, 29.336



1, 6.771, 6.237

Previews

White Background



This preview shows how the CIELCh color 60, 20.579, 320.015 looks on a white background.

Color Contrast Check

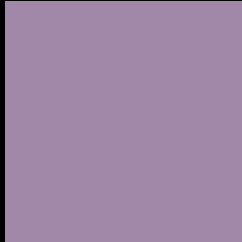
Large Text (above 18pt) WCAG AA ✓ Pass

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, 20.579, 320.015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

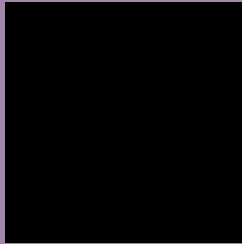
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 20.579, 320.015

Background



This preview shows how black text looks on a background with the CIELCh color 60, 20.579, 320.015.



This preview shows how white text looks on a background with the CIELCh color 60, 20.579, 320.015.

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, 20.579, 320.015

Protanopia

60, 16.983, 287.297

Deuteranopia

60, 14.979, 301.639



Tritanopia
60, 9.978, 342.012

Trichromacy



Original Color
60, 20.579, 320.015

Protanomaly
60, 17.786, 300.275

Deuteranomaly
60, 16.740, 309.824

Tritanomaly
60, 13.680, 329.185

Monochromacy



Original Color
60, 20.579, 320.015

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 7.631, 317.595

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 20.579, 320.015 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(162, 136, 168)` looks like.

```
.text, #text, p{  
    color:rgb(162, 136, 168)  
}
```

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(162, 136, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 136, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 20.579, 320.015 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(162, 136, 168) }
```

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

```
.border{ border-color:rgb(162, 136, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 136, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 136, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 136, 168);  
box-shadow:4px 4px 4px 4px rgb(162, 136,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 20.579, 320.015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 136, 168) }
```

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

```
.background{ background-color: rgb(162,  
136, 168) }
```

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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