

Converting Colors

CIELCh(60, 86.842, 322.195)

Have a look what the booklet for
CIELCh(60, 86.842, 322.195)
contains.

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Color

CIELCh(60, 86.955, 322.055)

Conversions

Conversions Part 1

Format	Color
Hex	D65BF0
RGB	214, 91, 240
RGB Percent	84%, 36%, 94%
CMY	0.1602, 0.6426, 0.0583
CMYK	0.11, 0.62, 0.00, 0.06
HSL	290°, 83%, 65%
HSV	290°, 62%, 94%
XYZ	47.2756, 28.1233, 85.4839
YIQ	144.7630, 25.4790, 72.4150

Conversions

Conversions Part 2

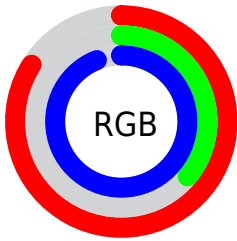
Format	Color
R _Y B	214, 91, 240
Decimal	14048240
CIE Lab	60.00, 68.57, -53.47
CIE LCh	60, 86.955, 322.055
Yxy	28.1233, 0.2939, 0.1748
Android (android.graphics.Color)	4292238320 (0xFFD65BF0)
YUV	144.7630, 46.9518, 60.7208
Hunter-Lab	53.0314, 66.3213, -58.4503

Details

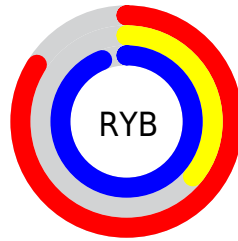
The CIELCh color **60, 86.955, 322.055** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **85, 85.737, 135.657**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 66.203, 326.690**, and **40, 86.969, 322.165** is the 20% darker color. If you saturate the color by 10%, you get **56, 97.381, 322.179**, and if you desaturate by 10%, it is **65, 74.601, 321.794**.

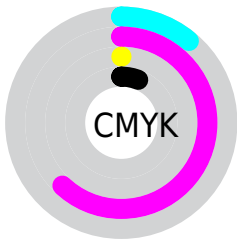
Distribution



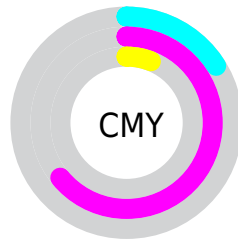
- Red (84%)
- Green (36%)
- Blue (94%)



- Red (84%)
- Yellow (36%)
- Blue (94%)



- Cyan (11%)
- Magenta (62%)
- Yellow (0%)
- Black (6%)





- Cyan (16%)
- Magenta (64%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 86.955, 322.055 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, 86.955, 322.055 by changing the saturation by 10% instead.


 60, 86.955,
322.055


 60, 86.955,
322.055


 100, 86.955,
322.055


 50, 86.955,
322.055


 80, 86.955,
322.055

 40, 86.955,
322.055

 90, 86.955,
322.055


 30, 86.955,
322.055

 20, 86.955,
322.055

 10, 86.955,
322.055

 0, 86.955, 322.055

 60, 86.955,

 60, 86.955,

322.055

56, 97.381,
322.179

53, 105.246,
322.124

51, 110.135,
321.857

50, 112.177,
321.507

322.055

65, 74.601,
321.794

70, 60.981,
321.437

75, 46.646,
321.019

81, 32.016,
320.568

87, 17.382,
320.103

94, 2.932, 319.578

99, 8.613, 137.849

99, 7.995, 128.611

99, 7.619, 118.065

Harmonies

Complementary

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



60, 86.955, 322.055



85, 85.737, 135.657

Rectangle

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



60, 86.955, 322.055



60, 86.955, 12.055



60, 86.955, 142.055



60, 86.955, 192.055

Sweetspot

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



60, 86.953, 322.055



88, 28.924, 320.430



54, 69.863, 292.834



45, 19.937, 320.563



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 86.953, 322.055



59, 103.965, 322.184



62, 71.723, 340.305



47, 8.170, 319.981



38, 91.688, 321.614



8, 39.900, 322.490

Inverse Universe

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



59, 61.386, 15.437



58, 75.994, 19.745



85, 71.918, 148.386



47, 5.116, 6.028



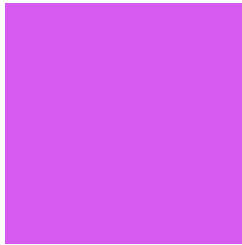
38, 73.829, 31.279



8, 29.079, 16.664

Previews

White Background



This preview shows how the CIELCh color 60, 86.955, 322.055 looks on a white background.

Color Contrast Check

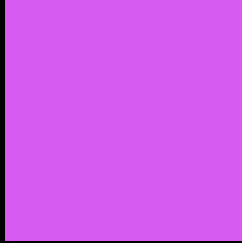
Large Text (above 18pt) WCAG AA ✓ Pass

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, 86.955, 322.055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

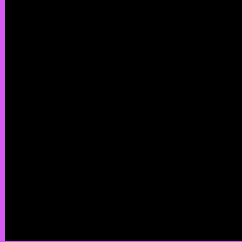
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 86.955, 322.055

Background



This preview shows how black text looks on a background with the CIELCh color 60, 86.955, 322.055.



This preview shows how white text looks on a background with the CIELCh color 60, 86.955, 322.055.

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





Tritanopia
60, 32.057, 14.240

Trichromacy



Original Color
60, 86.955, 322.055



Protanomaly
58, 71.916, 300.298



Deuteranomaly
58, 62.005, 300.323



Tritanomaly
59, 47.361, 340.755

Monochromacy



Original Color
60, 86.955, 322.055



Achromatopsia
60, 0.008, 296.813



Achromatomaly
59, 35.126, 320.705

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 86.955, 322.055 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(214, 91, 240)` looks like.

```
.text, #text, p{  
    color:rgb(214, 91, 240)  
}
```

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(214, 91, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 91, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 86.955, 322.055 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(214, 91, 240) }
```

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

```
.border{ border-color:rgb(214, 91, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 91, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 91, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 91, 240);  
box-shadow:4px 4px 4px 4px rgb(214, 91,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 86.955, 322.055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 91, 240) }
```

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

```
.background{ background-color: rgb(214, 91,  
240) }
```

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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