

Converting Colors

CIELCh(60, 92.723, 337.020)

Have a look what the booklet for
CIELCh(60, 92.723, 337.020)
contains.

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Color

CIELCh(60, 92.557, 336.980)

Conversions

Conversions Part 1

Format	Color
Hex	FD35D2
RGB	253, 53, 210
RGB Percent	99%, 21%, 82%
CMY	0.0074, 0.7915, 0.1761
CMYK	0.00, 0.79, 0.17, 0.01
HSL	313°, 98%, 60%
HSV	313°, 79%, 99%
XYZ	53.4763, 28.1233, 63.6511
YIQ	130.6980, 68.8030, 91.2270

Conversions

Conversions Part 2

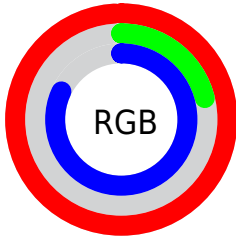
Format	Color
R _Y B	253, 53, 210
Decimal	16594386
CIE _{Lab}	60.00, 85.19, -36.19
CIE _{LCh}	60, 92.557, 336.980
Yxy	28.1233, 0.3682, 0.1936
Android (android.graphics.Color)	4294784466 (0xFFFD35D2)
YUV	130.6980, 39.0959, 107.2589
Hunter-Lab	53.0314, 87.1924, -34.0409

Details

The CIELCh color **60, 92.557, 336.980** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **88, 97.899, 142.075**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 80.575, 327.155**, and **44, 80.345, 337.746** is the 20% darker color. If you saturate the color by 10%, you get **58, 96.156, 338.024**, and if you desaturate by 10%, it is **63, 85.991, 336.059**.

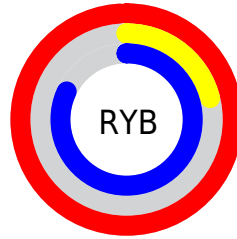
Distribution



Red (99%)

Green (21%)

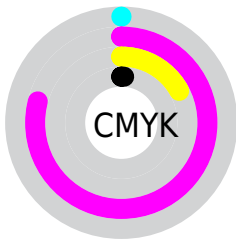
Blue (82%)



Red (99%)

Yellow (21%)

Blue (82%)

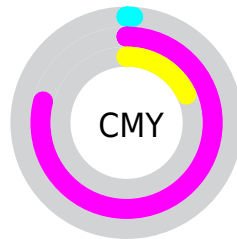


Cyan (0%)

Magenta (79%)

Yellow (17%)

Black (1%)



Cyan (1%)


Magenta (79%)


Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 92.557, 336.980 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, 92.557, 336.980 by changing the saturation by 10% instead.


 60, 92.557,
336.980


 60, 92.557,
336.980


 100, 92.557,
336.980


 50, 92.557,
336.980


 80, 92.557,
336.980

 40, 92.557,
336.980

 90, 92.557,
336.980


 30, 92.557,
336.980

 20, 92.557,
336.980

 10, 92.557,
336.980

 0, 92.557, 336.980

 60, 92.557,

 60, 92.557,

336.980

336.980

■ 58, 96.156,
338.024

■ 63, 85.991,
336.059

■ 57, 96.999,
339.228

■ 67, 76.825,
335.220

■ 57, 97.021,
339.354

■ 71, 65.647,
334.435

■ 76, 53.098,
333.688

■ 82, 39.743,
332.971

■ 88, 26.024,
332.279

■ 94, 12.257,
331.603

100, 0.941,
154.305

100, 0.655,
200.376

Harmonies

Complementary

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



60, 92.557, 336.980



88, 97.899, 142.075

Rectangle

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



60, 92.557, 336.980



60, 92.557, 26.980



60, 92.557, 156.980



60, 92.557, 206.980

Sweetspot

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



60, 92.553, 336.980



85, 33.114, 332.623



41, 113.989, 306.302



43, 22.744, 332.871



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, 92.553, 336.980



58, 97.458, 338.734



57, 77.201, 11.598



50, 7.798, 331.638



43, 78.796, 339.123



11, 36.952, 337.536

Inverse Universe

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



60, 92.553, 336.980



58, 97.458, 338.734



89, 62.725, 165.787



50, 7.798, 331.638



43, 78.796, 339.123



11, 36.952, 337.536

Previews

White Background



This preview shows how the CIELCh color 60, 92.557, 336.980 looks on a white background.

Color Contrast Check

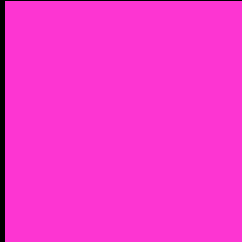
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 60, 92.557, 336.980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

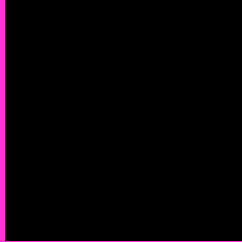
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 92.557, 336.980

Background



This preview shows how black text looks on a background with the CIELCh color 60, 92.557, 336.980.

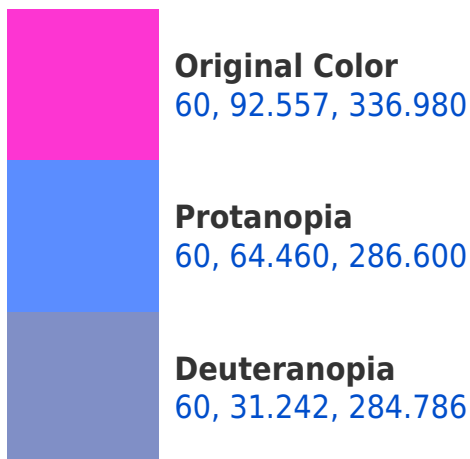


This preview shows how white text looks on a background with the CIELCh color 60, 92.557, 336.980.

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, 63.657, 25.209

Trichromacy



Original Color
60, 92.557, 336.980



Protanomaly
56, 74.706, 306.475



Deuteranomaly
56, 55.997, 317.173



Tritanomaly
59, 68.112, 2.543

Monochromacy



Original Color
60, 92.557, 336.980



Achromatopsia
55, 0.007, 296.813



Achromatomaly
53, 41.643, 333.512

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 92.557, 336.980 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(253, 53, 210)` looks like.

```
.text, #text, p{  
    color:rgb(253, 53, 210)  
}
```

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(253, 53, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 53, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 92.557, 336.980 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(253, 53, 210) }
```

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

```
.border{ border-color:rgb(253, 53, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 53, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 53, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 53, 210);  
box-shadow:4px 4px 4px 4px rgb(253, 53,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 92.557, 336.980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 53, 210) }
```

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

```
.background{ background-color: rgb(253, 53,  
210) }
```

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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