

Converting Colors

CIELCh(62, 69.845, 355.310)

Have a look what the booklet for
CIELCh(62, 69.845, 355.310)
contains.

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Color

CIELCh(62, 69.832, 355.369)

Conversions

Conversions Part 1

Format	Color
Hex	FE56A2
RGB	254, 86, 162
RGB Percent	100%, 34%, 64%
CMY	0.0032, 0.6620, 0.3641
CMYK	0.00, 0.66, 0.36, 0.00
HSL	333°, 99%, 67%
HSV	333°, 66%, 100%
XYZ	50.8159, 30.4025, 37.4437
YIQ	144.8960, 75.7320, 59.2520

Conversions

Conversions Part 2

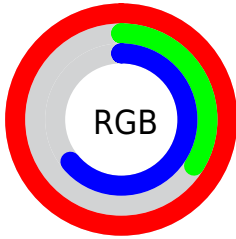
Format	Color
R _Y B	254, 86, 162
Decimal	16668322
CIE Lab	62.00, 69.60, -5.64
CIE LCh	62, 69.832, 355.369
Yxy	30.4025, 0.4282, 0.2562
Android (android.graphics.Color)	4294858402 (0xFFFE56A2)
YUV	144.8960, 8.4323, 95.6842
Hunter-Lab	55.1385, 68.0141, -1.6660

Details

The CIELCh color **62, 69.832, 355.369** is a light color, and the websafe version is hex **FF3399**. The color can be described as light muted rose. A complement of this color would be **90, 64.757, 158.302**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **74, 53.908, 339.734**, and **42, 69.909, 355.255** is the 20% darker color. If you saturate the color by 10%, you get **59, 76.690, 358.058**, and if you desaturate by 10%, it is **66, 61.058, 353.236**.

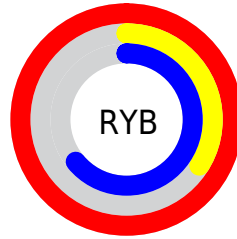
Distribution



Red (100%)

Green (34%)

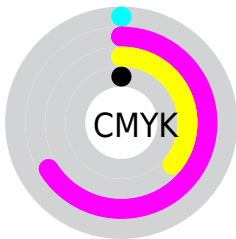
Blue (64%)



Red (100%)

Yellow (34%)

Blue (64%)

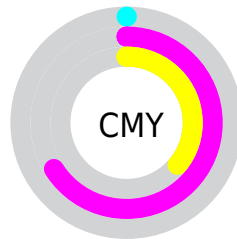


Cyan (0%)

Magenta (66%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (66%)


Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 69.832, 355.369 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 62, 69.832, 355.369 by changing the saturation by 10% instead.


 62, 69.832,
355.369


 62, 69.832,
355.369


 100, 69.832,
355.369


 52, 69.832,
355.369


 82, 69.832,
355.369

 42, 69.832,
355.369

 92, 69.832,
355.369

 32, 69.832,
355.369

 22, 69.832,
355.369

 12, 69.832,
355.369

 2, 69.832, 355.369

 0, 69.832, 355.369

62, 69.832,
355.369

62, 69.832,
355.369

59, 76.690,
358.058

66, 61.058,
353.236

56, 81.263, 1.479

71, 50.948,
351.504

55, 83.614, 5.785

77, 40.058,
350.062

54, 84.232, 7.641

83, 28.840,
348.832

89, 17.613,
347.753

96, 6.581, 346.761

100, 0.285,
201.716

Harmonies

Complementary

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



62, 69.832, 355.369



90, 64.757, 158.302

Rectangle

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



62, 69.832, 355.369



62, 69.832, 45.369



62, 69.832, 175.369



62, 69.832, 225.369

Sweetspot

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



62, 69.828, 355.370



87, 22.043, 348.160



55, 95.258, 313.286



45, 15.080, 348.464



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 69.828, 355.370



58, 78.462, 358.974



61, 71.585, 31.035



50, 6.186, 347.099



41, 67.998, 6.723



10, 31.501, 0.402

Inverse Universe

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



62, 69.828, 355.370



58, 78.462, 358.974



90, 42.381, 200.804



50, 6.186, 347.099



41, 67.998, 6.723



10, 31.501, 0.402

Previews

White Background



This preview shows how the CIELCh color 62, 69.832, 355.369 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 62, 69.832, 355.369 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 ✓ Pass

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

CIELCh 62, 69.832, 355.369

Background



This preview shows how black text looks on a background with the CIELCh color 62, 69.832, 355.369.

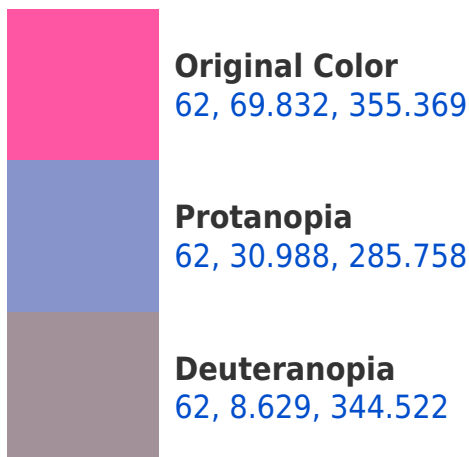


This preview shows how white text looks on a background with the CIELCh color 62, 69.832, 355.369.

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
62, 63.935, 24.539

Trichromacy



Original Color
62, 69.832, 355.369

Protanomaly
60, 39.464, 321.439

Deuteranomaly
60, 33.123, 349.696

Tritanomaly
62, 64.225, 13.513

Monochromacy



Original Color
62, 69.832, 355.369

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 28.106, 350.168

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 69.832, 355.369 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(254, 86, 162)` looks like.

```
.text, #text, p{  
    color:rgb(254, 86, 162)  
}
```

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(254, 86, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 86, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 69.832, 355.369 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(254, 86, 162) }
```

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

```
.border{ border-color:rgb(254, 86, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 86, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 86, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 86, 162);  
box-shadow:4px 4px 4px 4px rgb(254, 86,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 69.832, 355.369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 86, 162) }
```

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

```
.background{ background-color: rgb(254, 86,  
162) }
```

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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