

Converting Colors

CIELCh(66, 74.586, 13.174)

Have a look what the booklet for
CIELCh(66, 74.586, 13.174) contains.

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Color

CIELCh(62, 66.141, 9.356)

Conversions

Conversions Part 1

Format	Color
Hex	FF5B86
RGB	255, 91, 134
RGB Percent	100%, 36%, 53%
CMY	0.0006, 0.6437, 0.4750
CMYK	0.00, 0.64, 0.47, 0.00
HSL	344°, 100%, 68%
HSV	344°, 64%, 100%
XYZ	49.2018, 30.4025, 25.7809
YIQ	144.9380, 83.9410, 48.1410

Conversions

Conversions Part 2

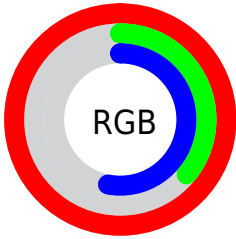
Format	Color
R _Y B	255, 91, 134
Decimal	16735110
CIE Lab	62.00, 65.26, 10.75
CIE LCh	62, 66.141, 9.356
Yxy	30.4025, 0.4669, 0.2885
Android (android.graphics.Color)	4294925190 (0xFFFF5B86)
YUV	144.9380, -5.3924, 96.5244
Hunter-Lab	55.1385, 62.7889, 10.8749

Details

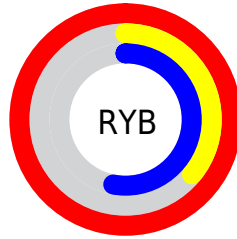
The CIELCh color **62, 66.141, 9.356** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **91, 53.026, 171.201**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **74, 44.318, 357.021**, and **42, 66.094, 9.293** is the 20% darker color. If you saturate the color by 10%, you get **58, 74.657, 12.846**, and if you desaturate by 10%, it is **67, 56.426, 6.613**.

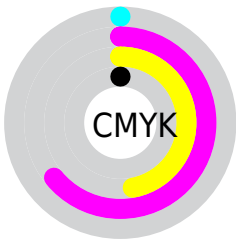
Distribution



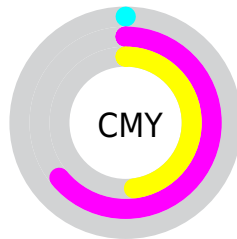
- Red (100%)
- Green (36%)
- Blue (53%)



- Red (100%)
- Yellow (36%)
- Blue (53%)



- Cyan (0%)
- Magenta (64%)
- Yellow (47%)
- Black (0%)



- Cyan (0%)
- Magenta (64%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 66.141, 9.356 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, 66.141, 9.356 by changing the saturation by 10% instead.

 62, 66.141, 9.356  62, 66.141, 9.356

 100, 66.141, 9.356  52, 66.141, 9.356

 82, 66.141, 9.356  42, 66.141, 9.356

 92, 66.141, 9.356  32, 66.141, 9.356

 22, 66.141, 9.356

 12, 66.141, 9.356

 2, 66.141, 9.356

 0, 66.141, 9.356

 62, 66.141, 9.356  62, 66.141, 9.356

 58, 74.657, 12.846  67, 56.426, 6.613

■ 56, 81.687, 17.223

■ 72, 45.983, 4.437

■ 54, 87.297, 22.492

■ 78, 35.255, 2.685

■ 54, 90.150, 25.664

■ 84, 24.584, 1.241

■ 90, 14.192, 0.020

■ 97, 4.205, 358.892

100, 0.057,
211.178

Harmonies

Complementary

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



62, 66.141, 9.356



91, 53.026, 171.201

Rectangle

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



62, 66.141, 9.356



62, 66.141, 59.356



62, 66.141, 189.356



62, 66.141, 239.356

Sweetspot

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



62, 66.137, 9.358



87, 18.992, 0.566



60, 93.478, 319.225



45, 13.147, 0.920



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, 66.137, 9.358



58, 76.711, 13.917



68, 61.769, 43.423



50, 5.566, 359.480



40, 72.107, 24.582



10, 31.635, 15.240

Inverse Universe

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



62, 66.137, 9.358



58, 76.711, 13.917



81, 37.300, 230.947



50, 5.566, 359.480



40, 72.107, 24.582



10, 31.635, 15.240

Previews

White Background



This preview shows how the CIELCh color 62, 66.141, 9.356 looks on a white background.

Color Contrast Check

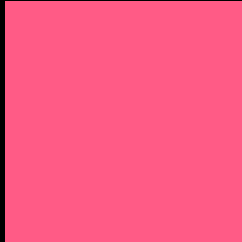
Large Text (above 18pt) WCAG AA × Fail

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, 66.141, 9.356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

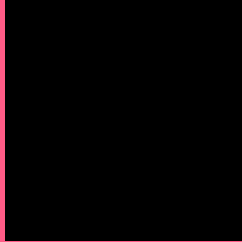
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 66.141, 9.356

Background



This preview shows how black text looks on a background with the CIELCh color 62, 66.141, 9.356.



This preview shows how white text looks on a background with the CIELCh color 62, 66.141, 9.356.

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

62, 66.141, 9.356

Protanopia

62, 9.545, 289.020

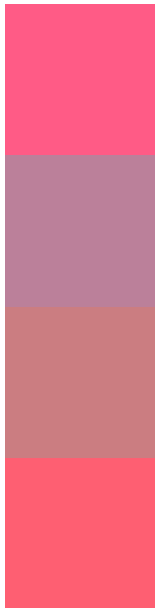
Deuteranopia

62, 15.865, 59.269



Tritanopia
62, 66.235, 25.476

Trichromacy



Original Color
62, 66.141, 9.356

Protanomaly
60, 27.085, 350.115

Deuteranomaly
61, 32.565, 19.217

Tritanomaly
62, 65.625, 19.857

Monochromacy



Original Color
62, 66.141, 9.356

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 25.605, 1.975

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 66.141, 9.356 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(255, 91, 134)` looks like.

```
.text, #text, p{  
    color:rgb(255, 91, 134)  
}
```

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(255, 91, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 91, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 66.141, 9.356 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(255, 91, 134) }
```

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

```
.border{ border-color:rgb(255, 91, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 91, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 91, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 91, 134);  
box-shadow:4px 4px 4px 4px rgb(255, 91,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 66.141, 9.356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 91, 134) }
```

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

```
.background{ background-color: rgb(255, 91,  
134) }
```

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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