

Converting Colors

CIELCh(62, 75.881, 345.979)

Have a look what the booklet for
CIELCh(62, 75.881, 345.979)
contains.

CIELCh(62, 75.525, 346.013)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(62, 75.525, 346.013)

Conversions

Conversions Part 1

Format	Color
Hex	FD52B8
RGB	253, 82, 184
RGB Percent	99%, 32%, 72%
CMY	0.0076, 0.6781, 0.2782
CMYK	0.00, 0.68, 0.27, 0.01
HSL	324°, 98%, 66%
HSV	324°, 68%, 99%
XYZ	52.2116, 30.4025, 48.4959
YIQ	144.7570, 69.1740, 67.9740

Conversions

Conversions Part 2

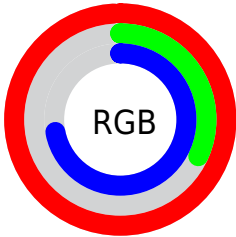
Format	Color
R _Y B	253, 82, 184
Decimal	16601784
CIE Lab	62.00, 73.29, -18.25
CIE LCh	62, 75.525, 346.013
Yxy	30.4025, 0.3982, 0.2319
Android (android.graphics.Color)	4294791864 (0xFFFD52B8)
YUV	144.7570, 19.3468, 94.9291
Hunter-Lab	55.1385, 72.5322, -13.5503

Details

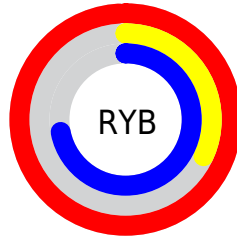
The CIELCh color **62, 75.525, 346.013** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **89, 74.886, 150.955**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **74, 63.718, 330.997**, and **43, 73.711, 346.276** is the 20% darker color. If you saturate the color by 10%, you get **59, 81.835, 347.883**, and if you desaturate by 10%, it is **66, 66.905, 344.481**.

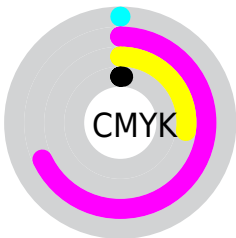
Distribution



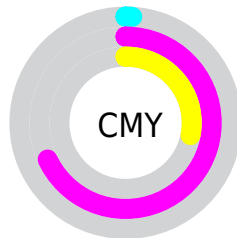
- Red (99%)
- Green (32%)
- Blue (72%)



- Red (99%)
- Yellow (32%)
- Blue (72%)



- Cyan (0%)
- Magenta (68%)
- Yellow (27%)
- Black (1%)





- Cyan (1%)
- Magenta (68%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 75.525, 346.013 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, 75.525, 346.013 by changing the saturation by 10% instead.


 62, 75.525,
346.013


 62, 75.525,
346.013


 100, 75.525,
346.013


 52, 75.525,
346.013


 82, 75.525,
346.013

 42, 75.525,
346.013

 92, 75.525,
346.013

 32, 75.525,
346.013

 22, 75.525,
346.013

 12, 75.525,
346.013

 2, 75.525, 346.013

 0, 75.525, 346.013

62, 75.525,
346.013

62, 75.525,
346.013

59, 81.835,
347.883

66, 66.905,
344.481

57, 85.441,
350.211

71, 56.592,
343.188

55, 86.414,
353.119

76, 45.198,
342.067

55, 86.465,
353.886

82, 33.236,
341.072

88, 21.085,
340.170

94, 9.004, 339.326

100, 0.673,
200.348

Harmonies

Complementary

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



62, 75.525, 346.013



89, 74.886, 150.955

Rectangle

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



62, 75.525, 346.013



62, 75.525, 36.013



62, 75.525, 166.013



62, 75.525, 216.013

Sweetspot

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



62, 75.521, 346.014



87, 24.192, 340.384



51, 97.251, 309.717



45, 16.529, 340.634



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, 75.521, 346.014



58, 83.884, 348.631



60, 71.167, 22.949



50, 6.820, 339.489



42, 70.250, 353.288



11, 33.094, 349.210

Inverse Universe

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



62, 75.521, 346.014



58, 83.884, 348.631



91, 47.240, 185.556



50, 6.820, 339.489



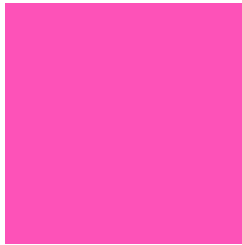
42, 70.250, 353.288



11, 33.094, 349.210

Previews

White Background



This preview shows how the CIELCh color 62, 75.525, 346.013 looks on a white background.

Color Contrast Check

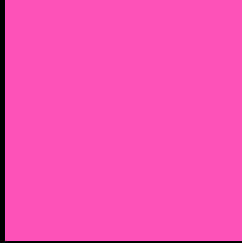
Large Text (above 18pt) WCAG AA × Fail

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, 75.525, 346.013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

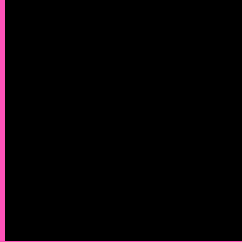
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 75.525, 346.013

Background



This preview shows how black text looks on a background with the CIELCh color 62, 75.525, 346.013.



This preview shows how white text looks on a background with the CIELCh color 62, 75.525, 346.013.

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, 75.525, 346.013

Protanopia

62, 47.851, 286.091

Deuteranopia

62, 16.546, 300.714



Tritanopia
62, 61.328, 23.913

Trichromacy



Original Color
62, 75.525, 346.013



Protanomaly
59, 53.979, 310.882



Deuteranomaly
60, 38.937, 331.553



Tritanomaly
62, 62.630, 8.281

Monochromacy



Original Color
62, 75.525, 346.013



Achromatopsia
60, 0.008, 296.813



Achromatomaly
59, 31.361, 341.586

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 75.525, 346.013 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, 82, 184)` looks like.

```
.text, #text, p{  
    color:rgb(253, 82, 184)  
}
```

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, 82, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 82, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 75.525, 346.013 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, 82, 184) }
```

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

```
.border{ border-color:rgb(253, 82, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 82, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 82, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 82, 184);  
box-shadow:4px 4px 4px 4px rgb(253, 82,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 75.525, 346.013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 82, 184) }
```

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

```
.background{ background-color: rgb(253, 82,  
184) }
```

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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