

Converting Colors

CIELCh(73, 64.909, 332.466)

Have a look what the booklet for
CIELCh(73, 64.909, 332.466)
contains.

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Color

CIELCh(73, 64.677, 332.456)

Conversions

Conversions Part 1

Format	Color
Hex	FF89EB
RGB	255, 137, 235
RGB Percent	100%, 54%, 92%
CMY	0.0000, 0.4626, 0.0783
CMYK	0.00, 0.46, 0.08, 0.00
HSL	310°, 100%, 77%
HSV	310°, 46%, 100%
XYZ	65.1998, 45.1644, 83.8999
YIQ	183.4540, 38.8700, 55.4940

Conversions

Conversions Part 2

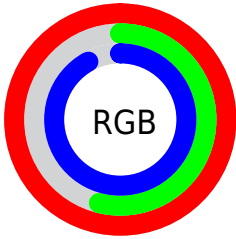
Format	Color
R _Y B	255, 137, 235
Decimal	16746987
CIE Lab	73.00, 57.35, -29.91
CIE LCh	73, 64.677, 332.456
Yxy	45.1644, 0.3356, 0.2325
Android (android.graphics.Color)	4294937067 (0xFFFF89EB)
YUV	183.4540, 25.4122, 62.7458
Hunter-Lab	67.2044, 55.5678, -26.9762

Details

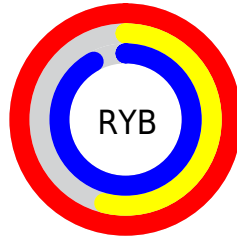
The CIELCh color $73, 64.677, 332.456$ is a light color, and the websafe version is hex $FF99FF$. A complement of this color would be $91, 64.793, 145.464$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $85, 38.882, 325.774$, and $53, 64.695, 332.413$ is the 20% darker color. If you saturate the color by 10%, you get $68, 76.693, 333.129$, and if you desaturate by 10%, it is $78, 51.390, 331.777$.

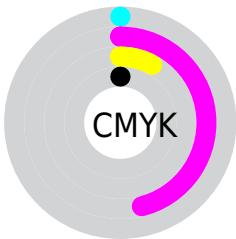
Distribution



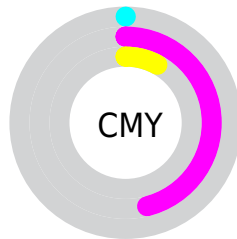
- Red (100%)
- Green (54%)
- Blue (92%)



- Red (100%)
- Yellow (54%)
- Blue (92%)



- Cyan (0%)
- Magenta (46%)
- Yellow (8%)
- Black (0%)





- Cyan (0%)
- Magenta (46%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 64.677, 332.456 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 73, 64.677, 332.456 by changing the saturation by 10% instead.


 73, 64.677,
332.456


 73, 64.677,
332.456


 100, 64.677,
332.456


 63, 64.677,
332.456


 93, 64.677,
332.456

 53, 64.677,
332.456

 43, 64.677,
332.456

 33, 64.677,
332.456

 23, 64.677,
332.456

 13, 64.677,
332.456

 3, 64.677, 332.456

■ 0, 64.677, 332.456

■ 73, 64.677,
332.456

■ 73, 64.677,
332.456

■ 68, 76.693,
333.129

■ 78, 51.390,
331.777

■ 65, 86.830,
333.827

■ 84, 37.403,
331.117

■ 62, 94.460,
334.554

■ 90, 23.125,
330.469

■ 59, 99.150,
335.333

■ 96, 8.853, 329.820

■ 58, 100.861,
336.195

100, 0.012,
296.813

■ 58, 101.015,
336.537

Harmonies

Complementary

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



73, 64.677, 332.456



91, 64.793, 145.464

Rectangle

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



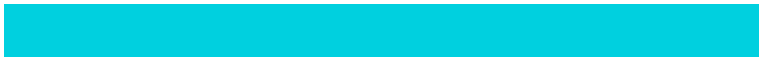
73, 64.677, 332.456



73, 64.677, 22.456



73, 64.677, 152.456



73, 64.677, 202.456

Sweetspot

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



73, 64.669, 332.448



91, 19.889, 330.323



64, 66.050, 301.391



47, 13.744, 330.462



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 64.669, 332.448



68, 76.400, 333.111



71, 48.890, 359.622



50, 8.056, 330.034



44, 81.545, 336.367



12, 38.104, 335.225

Inverse Universe

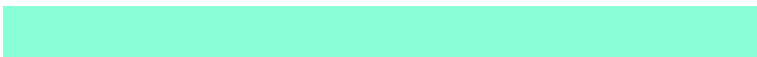
The Inverse Universe completely reimagines the original color for something new.



73, 64.669, 332.448



68, 76.400, 333.111



92, 43.267, 168.674



50, 8.056, 330.034



44, 81.545, 336.367



12, 38.104, 335.225

Previews

White Background



This preview shows how the CIELCh color 73, 64.677, 332.456 looks on a white background.

Color Contrast Check

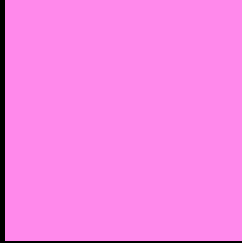
Large Text (above 18pt) WCAG AA × Fail

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 73, 64.677, 332.456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

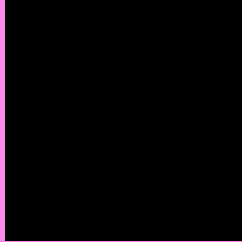
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 64.677, 332.456

Background



This preview shows how black text looks on a background with the CIELCh color 73, 64.677, 332.456.

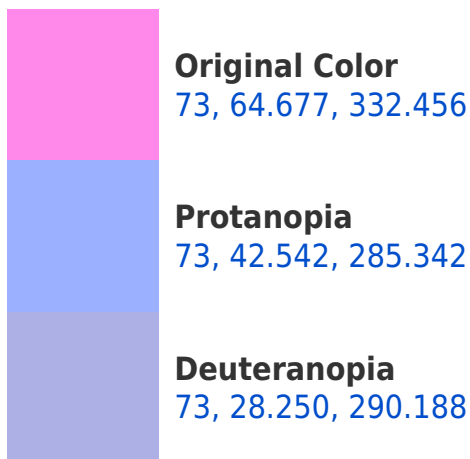


This preview shows how white text looks on a background with the CIELCh color 73, 64.677, 332.456.

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
73, 37.615, 14.236

Trichromacy



Original Color
73, 64.677, 332.456



Protanomaly
72, 47.929, 305.473



Deuteranomaly
72, 40.034, 313.149



Tritanomaly
73, 44.323, 352.988

Monochromacy



Original Color
73, 64.677, 332.456



Achromatopsia
74, 0.009, 296.813



Achromatomaly
73, 25.041, 330.508

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 64.677, 332.456 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, 137, 235)` looks like.

```
.text, #text, p{  
    color:rgb(255, 137, 235)  
}
```

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, 137, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 137, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 64.677, 332.456 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, 137, 235) }
```

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

```
.border{ border-color:rgb(255, 137, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 137, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 137, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 137, 235);  
box-shadow:4px 4px 4px 4px rgb(255, 137,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 64.677, 332.456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 137, 235) }
```

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

```
.background{ background-color: rgb(255,  
137, 235) }
```

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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