

Converting Colors

CIELCh(73, 65.540, 320.600)

Have a look what the booklet for
CIELCh(73, 65.540, 320.600)
contains.

CIELCh(73, 64.831, 320.909)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(73, 64.831, 320.909)

Conversions

Conversions Part 1

Format	Color
Hex	EA92FF
RGB	234, 146, 255
RGB Percent	92%, 57%, 100%
CMY	0.0831, 0.4282, 0.0008
CMYK	0.08, 0.43, 0.00, 0.00
HSL	288°, 100%, 79%
HSV	288°, 43%, 100%
XYZ	62.1319, 45.1644, 99.8790
YIQ	184.7380, 17.4590, 52.5550

Conversions

Conversions Part 2

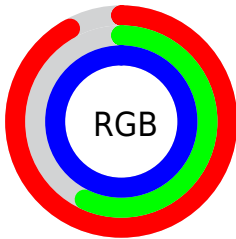
Format	Color
RYB	234, 146, 255
Decimal	15373055
CIELab	73.00, 50.32, -40.88
CIELCh	73, 64.831, 320.909
Yxy	45.1644, 0.2999, 0.2180
Android (android.graphics.Color)	4293563135 (0xFFEA92FF)
YUV	184.7380, 34.6392, 43.2028
Hunter-Lab	67.2044, 47.4191, -41.0735

Details

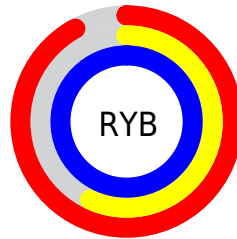
The CIELCh color $73, 64.831, 320.909$ is a light color, and the websafe version is hex FF99FF . A complement of this color would be $92, 63.732, 136.551$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $87, 33.240, 325.581$, and $53, 64.651, 320.718$ is the 20% darker color. If you saturate the color by 10%, you get $68, 79.055, 321.257$, and if you desaturate by 10%, it is $79, 49.845, 320.497$.

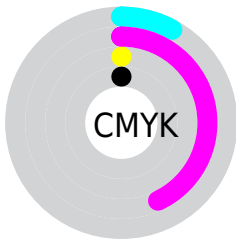
Distribution



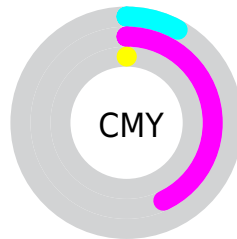
- Red (92%)
- Green (57%)
- Blue (100%)



- Red (92%)
- Yellow (57%)
- Blue (100%)



- Cyan (8%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)





- Cyan (8%)
- Magenta (43%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 64.831, 320.909 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, 64.831, 320.909 by changing the saturation by 10% instead.


 73, 64.831,
320.909

 73, 64.831,
320.909


 100, 64.831,
320.909


 63, 64.831,
320.909


 93, 64.831,
320.909

 53, 64.831,
320.909

 43, 64.831,
320.909

 33, 64.831,
320.909

 23, 64.831,
320.909

 13, 64.831,
320.909

 3, 64.831, 320.909

■ 0, 64.831, 320.909

■ 73, 64.831,
320.909

■ 73, 64.831,
320.909

■ 68, 79.055,
321.257

■ 79, 49.845,
320.497

■ 63, 91.932,
321.502

■ 85, 34.550,
320.051

■ 59, 102.757,
321.602

■ 92, 19.250,
319.591

■ 55, 110.846,
321.509

■ 98, 4.145, 319.093

■ 53, 115.772,
321.187

100, 0.091,
109.324

■ 52, 117.638,
320.828

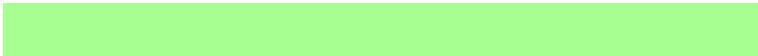
Harmonies

Complementary

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



73, 64.831, 320.909



92, 63.732, 136.551

Rectangle

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



73, 64.831, 320.909



73, 64.831, 10.909



73, 64.831, 140.909



73, 64.831, 190.909

Sweetspot

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



73, 64.829, 320.909



91, 19.610, 319.601



70, 47.827, 287.238



47, 13.746, 319.704



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, 64.829, 320.909



69, 76.663, 321.201



74, 55.054, 337.569



50, 8.551, 319.438



39, 94.762, 320.946



10, 43.456, 321.774

Inverse Universe

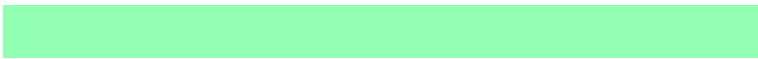
The Inverse Universe completely reimagines the original color for something new.



73, 43.844, 9.359



68, 52.764, 11.119



92, 54.476, 150.409



50, 5.416, 4.639



40, 75.307, 30.139



10, 32.027, 19.097

Previews

White Background



This preview shows how the CIELCh color 73, 64.831, 320.909 looks on a white background.

Color Contrast Check

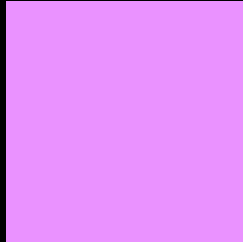
Large Text (above 18pt) WCAG AA × Fail

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, 64.831, 320.909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

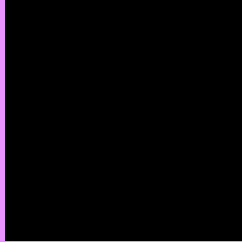
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 64.831, 320.909

Background



This preview shows how black text looks on a background with the CIELCh color 73, 64.831, 320.909.

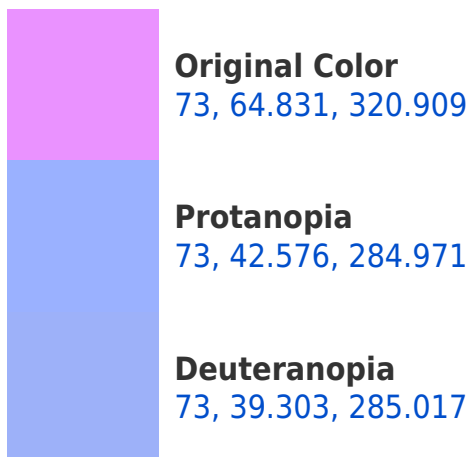


This preview shows how white text looks on a background with the CIELCh color 73, 64.831, 320.909.

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, 24.154, 4.918

Trichromacy



Original Color
73, 64.831, 320.909



Protanomaly
73, 48.840, 300.746



Deuteranomaly
73, 46.780, 301.686

Tritanomaly
73, 36.135, 337.157

Monochromacy



Original Color
73, 64.831, 320.909



Achromatopsia
75, 0.009, 296.813



Achromatomaly
74, 24.109, 320.249

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 64.831, 320.909 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(234, 146, 255)` looks like.

```
.text, #text, p{  
    color:rgb(234, 146, 255)  
}
```

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(234, 146, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 146, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 64.831, 320.909 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(234, 146, 255) }
```

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

```
.border{ border-color:rgb(234, 146, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 146, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 146, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 146, 255);  
box-shadow:4px 4px 4px 4px rgb(234, 146,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 64.831, 320.909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 146, 255) }
```

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

```
.background{ background-color: rgb(234,  
146, 255) }
```

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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