

Converting Colors

CIELCh(75, 44.800, 322.649)

Have a look what the booklet for
CIELCh(75, 44.800, 322.649)
contains.

CIELCh(75, 44.489, 322.865)	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(75, 44.489, 322.865)

Conversions

Conversions Part 1

Format	Color
Hex	E3A3EB
RGB	227, 163, 235
RGB Percent	89%, 64%, 92%
CMY	0.1115, 0.3624, 0.0802
CMYK	0.03, 0.31, 0.00, 0.08
HSL	293°, 64%, 78%
HSV	293°, 31%, 92%
XYZ	59.4939, 48.2781, 84.4467
YIQ	190.3440, 15.0320, 35.9600

Conversions

Conversions Part 2

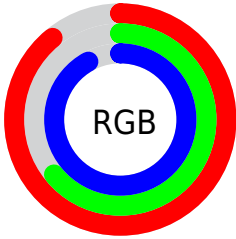
Format	Color
R _Y B	227, 163, 235
Decimal	14918635
CIE Lab	75.00, 35.47, -26.86
CIE LCh	75, 44.489, 322.865
Yxy	48.2781, 0.3095, 0.2512
Android (android.graphics.Color)	4293108715 (0xFFE3A3EB)
YUV	190.3440, 22.0154, 32.1473
Hunter-Lab	69.4824, 31.2453, -23.4215

Details

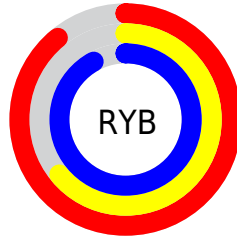
The CIELCh color $75, 44.489, 322.865$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $87, 44.182, 139.555$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 22.540, 325.209$, and $55, 44.684, 323.046$ is the 20% darker color. If you saturate the color by 10%, you get $70, 58.683, 323.309$, and if you desaturate by 10%, it is $81, 29.955, 322.389$.

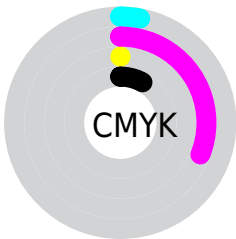
Distribution



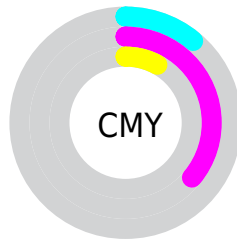
- Red (89%)
- Green (64%)
- Blue (92%)



- Red (89%)
- Yellow (64%)
- Blue (92%)



- Cyan (3%)
- Magenta (31%)
- Yellow (0%)
- Black (8%)




- Cyan (11%)
- Magenta (36%)
- Yellow (8%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 44.489, 322.865 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 75, 44.489, 322.865 by changing the saturation by 10% instead.

 75, 44.489,
322.865

 75, 44.489,
322.865


 100, 44.489,
322.865


 65, 44.489,
322.865


 95, 44.489,
322.865

 55, 44.489,
322.865

 45, 44.489,
322.865

 35, 44.489,
322.865

 25, 44.489,
322.865

 15, 44.489,
322.865

 5, 44.489, 322.865

0, 44.489, 322.865

75, 44.489,
322.865

75, 44.489,
322.865

70, 58.683,
323.309

81, 29.955,
322.389

65, 72.124,
323.699

86, 15.387,
321.896

61, 84.268,
324.005

92, 0.985, 321.167

57, 94.497,
324.197

98, 12.257,
140.798

54, 102.227,
324.243

98, 11.788,
137.068

52, 107.097,
324.122

99, 11.373,
133.022

■ 51, 109.357,
323.871

■ 99, 11.019,
128.669

■ 99, 10.733,
124.030

■ 99, 10.522,
119.148

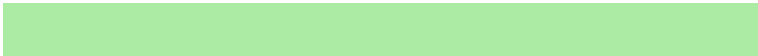
Harmonies

Complementary

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



75, 44.489, 322.865



87, 44.182, 139.555

Rectangle

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



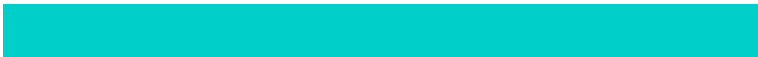
75, 44.489, 322.865



75, 44.489, 12.865



75, 44.489, 142.865



75, 44.489, 192.865

Sweetspot

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



75, 44.487, 322.865



94, 13.854, 321.814



71, 34.717, 289.122



49, 9.637, 321.887



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 44.487, 322.865



77, 57.261, 323.158



75, 35.255, 340.356



46, 8.176, 321.835



39, 90.063, 323.941



8, 38.506, 324.553

Inverse Universe

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



74, 28.522, 13.499



76, 37.442, 14.512



87, 34.575, 155.198



46, 4.948, 10.983



38, 76.102, 35.185



7, 28.119, 18.163

Previews

White Background



This preview shows how the CIELCh color 75, 44.489, 322.865 looks on a white background.

Color Contrast Check

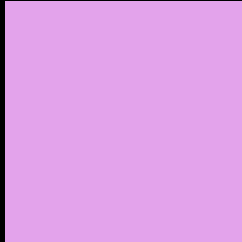
Large Text (above 18pt) WCAG AA × Fail

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 75, 44.489, 322.865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

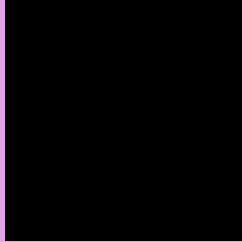
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 44.489, 322.865

Background



This preview shows how black text looks on a background with the CIELCh color 75, 44.489, 322.865.



This preview shows how white text looks on a background with the CIELCh color 75, 44.489, 322.865.

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

75, 44.489, 322.865

Protanopia

75, 35.811, 285.035

Deuteranopia

75, 27.021, 291.280



Tritanopia
75, 19.514, 0.277

Trichromacy



Original Color
75, 44.489, 322.865



Protanomaly
75, 37.084, 299.497



Deuteranomaly
75, 32.393, 306.181



Tritanomaly
75, 26.655, 338.565

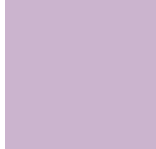
Monochromacy



Original Color
75, 44.489, 322.865



Achromatopsia
77, 0.009, 296.813



Achromatomaly
76, 16.360, 321.866

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 44.489, 322.865 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(227, 163, 235)` looks like.

```
.text, #text, p{  
    color:rgb(227, 163, 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(227, 163, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 163, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 44.489, 322.865 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(227, 163, 235) }
```

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

```
.border{ border-color:rgb(227, 163, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 163, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 163, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 163, 235);  
box-shadow:4px 4px 4px 4px rgb(227, 163,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 44.489, 322.865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 163, 235) }
```

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

```
.background{ background-color: rgb(227,  
163, 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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