

Converting Colors

CIELCh(79, 45.953, 331.449)

Have a look what the booklet for
CIELCh(79, 45.953, 331.449)
contains.

CIELCh(79, 45.787, 331.588)	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(79, 45.787, 331.588)

Conversions

Conversions Part 1

Format	Color
Hex	FBA9ED
RGB	251, 169, 237
RGB Percent	98%, 66%, 93%
CMY	0.0162, 0.3377, 0.0710
CMYK	0.00, 0.33, 0.06, 0.02
HSL	310°, 91%, 82%
HSV	310°, 33%, 98%
XYZ	69.1760, 54.9284, 86.9874
YIQ	201.2700, 27.0440, 38.5320

Conversions

Conversions Part 2

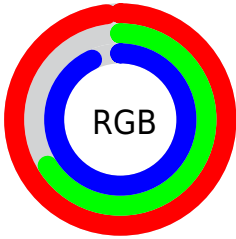
Format	Color
RYB	251, 169, 237
Decimal	16493037
CIELab	79.00, 40.27, -21.79
CIELCh	79, 45.787, 331.588
Yxy	54.9284, 0.3277, 0.2602
Android (android.graphics.Color)	4294683117 (0xFFFBA9ED)
YUV	201.2700, 17.6149, 43.6132
Hunter-Lab	74.1137, 36.9088, -17.7092

Details

The CIELCh color $79, 45.787, 331.588$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $92, 45.659, 146.996$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $93, 18.763, 325.076$, and $59, 45.995, 331.452$ is the 20% darker color. If you saturate the color by 10%, you get $74, 59.185, 332.256$, and if you desaturate by 10%, it is $85, 31.849, 330.932$.

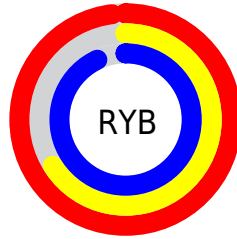
Distribution



Red (98%)

Green (66%)

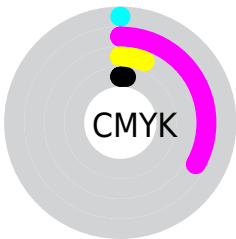
Blue (93%)



Red (98%)

Yellow (66%)

Blue (93%)

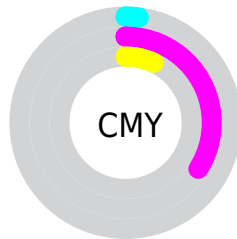


Cyan (0%)

Magenta (33%)

Yellow (6%)

Black (2%)



Cyan (2%)

Magenta (34%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 45.787, 331.588 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 79, 45.787, 331.588 by changing the saturation by 10% instead.


 79, 45.787,
331.588

 79, 45.787,
331.588


 100, 45.787,
331.588

 69, 45.787,
331.588

 99, 45.787,
331.588

 59, 45.787,
331.588

 49, 45.787,
331.588

 39, 45.787,
331.588

 29, 45.787,
331.588

 19, 45.787,
331.588

 9, 45.787, 331.588

■ 0, 45.787, 331.588

■ 79, 45.787,
331.588

■ 79, 45.787,
331.588

■ 74, 59.185,
332.256

■ 85, 31.849,
330.932

■ 69, 71.558,
332.936

■ 91, 17.747,
330.286

■ 65, 82.303,
333.629

■ 97, 3.729, 329.594

■ 62, 90.787,
334.347

■ 100, 1.521,
180.569

■ 59, 96.495,
335.109

■ 100, 1.431,
199.778

■ 58, 99.222,
335.944

■ 57, 99.678,
336.611

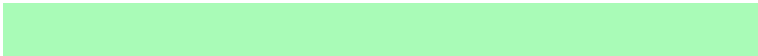
Harmonies

Complementary

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



79, 45.787, 331.588



92, 45.659, 146.996

Rectangle

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



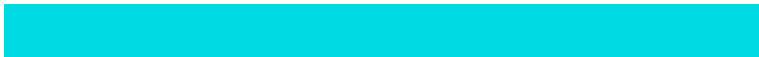
79, 45.787, 331.588



79, 45.787, 21.588



79, 45.787, 151.588



79, 45.787, 201.588

Sweetspot

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



79, 45.784, 331.588



94, 14.160, 330.114



73, 44.879, 299.703



49, 9.669, 330.205



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 45.784, 331.588



77, 55.065, 332.012



78, 33.875, 357.372



49, 7.916, 330.081



43, 80.656, 336.440



11, 37.098, 335.232

Inverse Universe

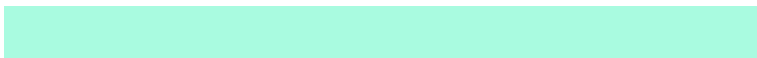
The Inverse Universe completely reimagines the original color for something new.



79, 45.784, 331.588



77, 55.065, 332.012



93, 31.075, 170.384



49, 7.916, 330.081



43, 80.656, 336.440



11, 37.098, 335.232

Previews

White Background



This preview shows how the CIELCh color 79, 45.787, 331.588 looks on a white background.

Color Contrast Check

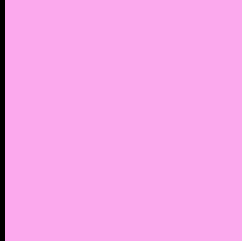
Large Text (above 18pt) WCAG AA × Fail

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 79, 45.787, 331.588 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 79, 45.787, 331.588

Background



This preview shows how black text looks on a background with the CIELCh color 79, 45.787, 331.588.



This preview shows how white text looks on a background with the CIELCh color 79, 45.787, 331.588.

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

79, 45.787, 331.588

Protanopia

79, 32.201, 285.156

Deuteranopia

79, 22.609, 297.320



Tritanopia
79, 26.388, 6.698

Trichromacy



Original Color
79, 45.787, 331.588



Protanomaly
79, 34.575, 304.641



Deuteranomaly
79, 29.822, 315.597

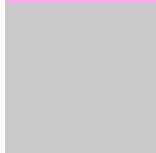


Tritanomaly
79, 31.651, 348.815

Monochromacy



Original Color
79, 45.787, 331.588



Achromatopsia
81, 0.010, 296.813



Achromatomaly
80, 17.228, 330.207

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 45.787, 331.588 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(251, 169, 237)` looks like.

```
.text, #text, p{  
    color:rgb(251, 169, 237)  
}
```

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(251, 169, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 169, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 45.787, 331.588 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(251, 169, 237) }
```

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

```
.border{ border-color:rgb(251, 169, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 169, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 169, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 169, 237);  
box-shadow:4px 4px 4px 4px rgb(251, 169,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 45.787, 331.588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 169, 237) }
```

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

```
.background{ background-color: rgb(251,  
169, 237) }
```

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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