

Converting Colors

CIELCh(79, 40.299, 325.019)

Have a look what the booklet for
CIELCh(79, 40.299, 325.019)
contains.

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Color

CIELCh(79, 40.268, 325.013)

Conversions

Conversions Part 1

Format	Color
Hex	EDAFEF
RGB	237, 175, 239
RGB Percent	93%, 69%, 94%
CMY	0.0704, 0.3135, 0.0625
CMYK	0.01, 0.27, 0.00, 0.06
HSL	298°, 67%, 81%
HSV	298°, 27%, 94%
XYZ	65.8704, 54.9284, 88.8332
YIQ	200.8340, 16.4080, 33.0480

Conversions

Conversions Part 2

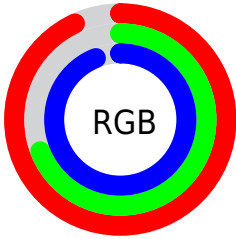
Format	Color
R _Y B	237, 175, 239
Decimal	15577071
CIE Lab	79.00, 32.99, -23.09
CIE LCh	79, 40.268, 325.013
Yxy	54.9284, 0.3142, 0.2620
Android (android.graphics.Color)	4293767151 (0xFFEDADEF)
YUV	200.8340, 18.8158, 31.7176
Hunter-Lab	74.1137, 28.9475, -19.1858

Details

The CIELCh color $79, 40.268, 325.013$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $89, 40.196, 141.856$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $94, 14.992, 324.942$, and $59, 40.078, 324.796$ is the 20% darker color. If you saturate the color by 10%, you get $74, 55.017, 325.515$, and if you desaturate by 10%, it is $85, 25.199, 324.486$.

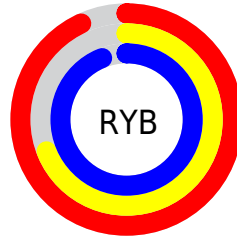
Distribution



Red (93%)

Green (69%)

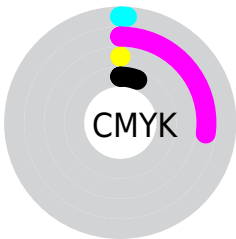
Blue (94%)



Red (93%)

Yellow (69%)

Blue (94%)

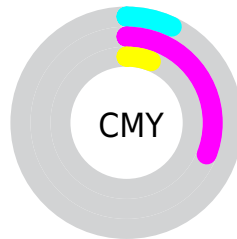


Cyan (1%)

Magenta (27%)

Yellow (0%)

Black (6%)



Cyan (7%)


Magenta (31%)


Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 40.268, 325.013 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 79, 40.268, 325.013 by changing the saturation by 10% instead.


 79, 40.268,
325.013


 79, 40.268,
325.013


 100, 40.268,
325.013


 69, 40.268,
325.013


 99, 40.268,
325.013

 59, 40.268,
325.013

 49, 40.268,
325.013

 39, 40.268,
325.013

 29, 40.268,
325.013

 19, 40.268,
325.013

 9, 40.268, 325.013

■ 0, 40.268, 325.013

■ 79, 40.268,
325.013

■ 79, 40.268,
325.013

■ 74, 55.017,
325.515

■ 85, 25.199,
324.486

■ 69, 69.036,
325.976

■ 90, 10.121,
323.938

■ 65, 81.792,
326.374

■ 96, 4.766, 143.501

■ 61, 92.684,
326.690

■ 99, 9.723, 142.468

■ 99, 9.579, 141.180

■ 58, 101.144,
326.905

■ 99, 9.440, 139.850

■ 57, 106.794,
327.007

■ 99, 9.306, 138.479

■ 56, 109.640,
326.999

■ 99, 9.178, 137.066

■ 55, 110.219,
326.982

■ 99, 9.055, 135.612

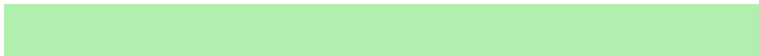
Harmonies

Complementary

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



79, 40.268, 325.013



89, 40.196, 141.856

Rectangle

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



79, 40.268, 325.013



79, 40.268, 15.013



79, 40.268, 145.013



79, 40.268, 195.013

Sweetspot

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



79, 40.265, 325.013



95, 12.609, 324.009



74, 33.520, 292.121



50, 8.969, 324.093



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, 40.265, 325.013



81, 50.620, 325.285



78, 29.582, 344.264



47, 8.525, 324.090



43, 90.430, 327.003



10, 39.467, 327.173

Inverse Universe

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



77, 25.024, 19.149



79, 32.112, 19.839



90, 28.761, 159.495



47, 4.992, 17.410



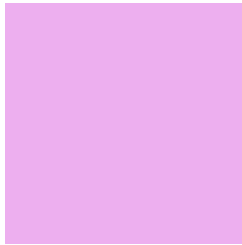
38, 80.316, 38.732



8, 29.669, 22.554

Previews

White Background



This preview shows how the CIELCh color 79, 40.268, 325.013 looks on a white background.

Color Contrast Check

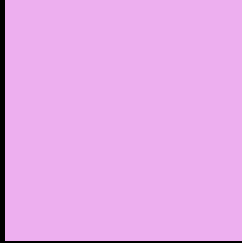
Large Text (above 18pt) WCAG AA × Fail

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 79, 40.268, 325.013 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 79, 40.268, 325.013

Background



This preview shows how black text looks on a background with the CIELCh color 79, 40.268, 325.013.



This preview shows how white text looks on a background with the CIELCh color 79, 40.268, 325.013.

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





Tritanopia
79, 19.463, 358.675

Trichromacy



Original Color
79, 40.268, 325.013



Protanomaly
79, 32.558, 301.103



Deuteranomaly
79, 28.615, 309.090



Tritanomaly
79, 25.736, 340.260

Monochromacy



Original Color
79, 40.268, 325.013



Achromatopsia
81, 0.010, 296.813



Achromatomaly
80, 14.650, 323.814

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 40.268, 325.013 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(237, 175, 239)` looks like.

```
.text, #text, p{  
    color:rgb(237, 175, 239)  
}
```

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(237, 175, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 175, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 40.268, 325.013 is called "border". The border property can be set on classes, ids or directly on the HTML element.

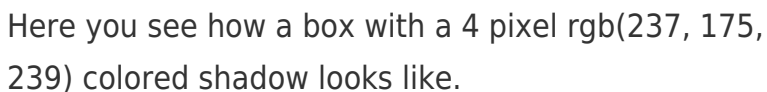
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 175, 239) }
```

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

```
.border{ border-color:rgb(237, 175, 239) }
```

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



Here you see how a box with a 4 pixel `rgb(237, 175, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 175, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 175, 239); box-shadow:4px 4px 4px 4px rgb(237, 175, 239) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 40.268, 325.013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 175, 239) }
```

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

```
.background{ background-color: rgb(237,  
175, 239) }
```

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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