

Converting Colors

CIELCh(78, 32.036, 322.094)

Have a look what the booklet for
CIELCh(78, 32.036, 322.094)
contains.

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Color

CIELCh(78, 32.043, 321.787)

Conversions

Conversions Part 1

Format	Color
Hex	DFB2E6
RGB	223, 178, 230
RGB Percent	87%, 70%, 90%
CMY	0.1257, 0.3021, 0.0982
CMYK	0.03, 0.23, 0.00, 0.10
HSL	292°, 51%, 80%
HSV	292°, 23%, 90%
XYZ	60.6026, 53.2120, 81.9028
YIQ	197.3830, 10.1280, 25.7120

Conversions

Conversions Part 2

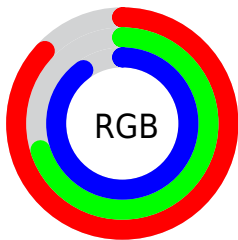
Format	Color
R _Y B	223, 178, 230
Decimal	14660326
CIE Lab	78.00, 25.18, -19.82
CIE LCh	78, 32.043, 321.787
Yxy	53.2120, 0.3096, 0.2719
Android (android.graphics.Color)	4292850406 (0xFFDFB2E6)
YUV	197.3830, 16.0802, 22.4661
Hunter-Lab	72.9466, 20.6379, -15.5070

Details

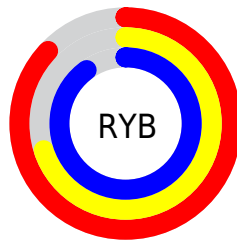
The CIELCh color $78, 32.043, 321.787$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $87, 31.821, 139.494$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $95, 13.109, 324.873$, and $58, 31.780, 321.776$ is the 20% darker color. If you saturate the color by 10%, you get $72, 46.248, 322.248$, and if you desaturate by 10%, it is $84, 17.775, 321.308$.

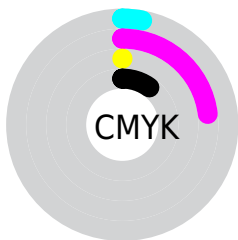
Distribution



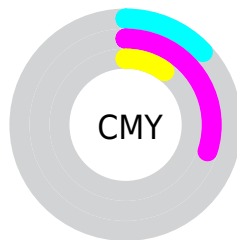
- Red (87%)
- Green (70%)
- Blue (90%)



- Red (87%)
- Yellow (70%)
- Blue (90%)



- Cyan (3%)
- Magenta (23%)
- Yellow (0%)
- Black (10%)





- Cyan (13%)
- Magenta (30%)
- Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 32.043, 321.787 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 78, 32.043, 321.787 by changing the saturation by 10% instead.


 78, 32.043,
321.787


 78, 32.043,
321.787


 100, 32.043,
321.787


 68, 32.043,
321.787


 98, 32.043,
321.787


 58, 32.043,
321.787

 48, 32.043,
321.787

 38, 32.043,
321.787

 28, 32.043,
321.787

 18, 32.043,
321.787

 8, 32.043, 321.787

0, 32.043, 321.787

78, 32.043,
321.787

78, 32.043,
321.787

72, 46.248,
322.248

84, 17.775,
321.308

67, 60.094,
322.675

90, 3.655, 320.783

62, 73.152,
323.040

96, 10.192,
140.418

58, 84.876,
323.313

98, 14.598,
137.927

55, 94.645,
323.459

98, 14.084,
134.096

52, 101.888,
323.443

98, 13.638,
129.965

50,106.282,
323.242

99,13.267,
125.551

49,108.010,
322.992

99,12.980,
120.884

99,12.785,
116.013

Harmonies

Complementary

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



78, 32.043, 321.787



87, 31.821, 139.494

Rectangle

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



78, 32.043, 321.787



78, 32.043, 11.787



78, 32.043, 141.787



78, 32.043, 191.787

Sweetspot

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



78, 32.041, 321.787



95, 10.685, 321.033



76, 23.875, 286.165



50, 6.946, 321.064



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 32.041, 321.787



83, 41.650, 322.000



78, 26.118, 338.075



45, 7.974, 321.154



38, 89.344, 323.074



7, 37.216, 323.768

Inverse Universe

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



77, 20.254, 10.599



82, 26.637, 11.192



87, 25.795, 154.577



45, 4.883, 9.126



37, 74.146, 33.777



6, 26.752, 16.166

Previews

White Background



This preview shows how the CIELCh color 78, 32.043, 321.787 looks on a white background.

Color Contrast Check

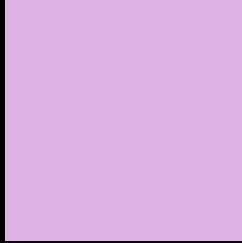
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 78, 32.043, 321.787 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 78, 32.043, 321.787

Background



This preview shows how black text looks on a background with the CIELCh color 78, 32.043, 321.787.



This preview shows how white text looks on a background with the CIELCh color 78, 32.043, 321.787.

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
78, 32.043, 321.787

Protanopia
78, 25.804, 285.954

Deuteranopia
78, 21.056, 297.626



Tritanopia
78, 14.696, 350.124

Trichromacy



Original Color
78, 32.043, 321.787

Protanomaly
78, 27.172, 300.359

Deuteranomaly
78, 24.698, 308.415

Tritanomaly
78, 20.406, 333.982

Monochromacy



Original Color
78, 32.043, 321.787

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 11.746, 320.450

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 32.043, 321.787 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(223, 178, 230)` looks like.

```
.text, #text, p{  
    color:rgb(223, 178, 230)  
}
```

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(223, 178, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 178, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 32.043, 321.787 is called "border". The border property can be set on classes, ids or directly on the HTML element.

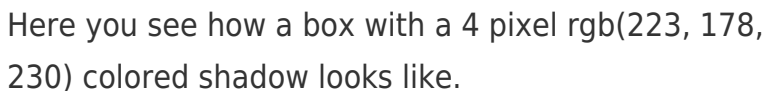
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(223, 178, 230) }
```

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

```
.border{ border-color:rgb(223, 178, 230) }
```

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



Here you see how a box with a 4 pixel `rgb(223, 178, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 178, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 178, 230);  
box-shadow:4px 4px 4px 4px rgb(223, 178,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 32.043, 321.787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 178, 230) }
```

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

```
.background{ background-color: rgb(223,  
178, 230) }
```

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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