

Converting Colors

CIELCh(88, 12.178, 300.530)

Have a look what the booklet for
CIELCh(88, 12.178, 300.530)
contains.

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Color

CIELCh(88, 12.178, 299.325)

Conversions

Conversions Part 1

Format	Color
Hex	DFDAF1
RGB	223, 218, 241
RGB Percent	87%, 85%, 95%
CMY	0.1261, 0.1457, 0.0555
CMYK	0.07, 0.10, 0.00, 0.06
HSL	253°, 45%, 90%
HSV	253°, 10%, 94%
XYZ	71.2664, 72.0653, 93.2472
YIQ	222.1170, -4.4030, 8.2130

Conversions

Conversions Part 2

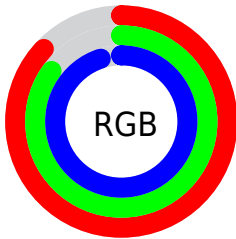
Format	Color
R _Y B	223, 218, 241
Decimal	14670577
CIE Lab	88.00, 5.96, -10.62
CIE LCh	88, 12.178, 299.325
Yxy	72.0653, 0.3012, 0.3046
Android (android.graphics.Color)	4292860657 (0xFFDFDAF1)
YUV	222.1170, 9.3093, 0.7744
Hunter-Lab	84.8913, 1.2915, -5.7021

Details

The CIELCh color `88, 12.178, 299.325` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `94, 11.927, 118.030`, and the grayscale version is `88, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `68, 12.301, 299.852` is the 20% darker color. If you saturate the color by 10%, you get `81, 25.402, 300.123`, and if you desaturate by 10%, it is `95, 0.555, 118.666`.

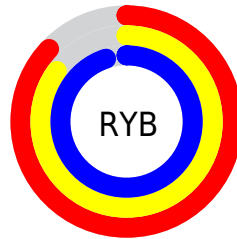
Distribution



Red (87%)

Green (85%)

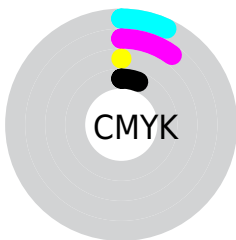
Blue (95%)



Red (87%)

Yellow (85%)

Blue (95%)

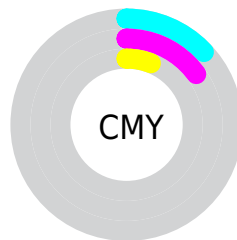


Cyan (7%)

Magenta (10%)

Yellow (0%)

Black (6%)



Cyan (13%)


Magenta (15%)


Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 12.178, 299.325 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 88, 12.178, 299.325 by changing the saturation by 10% instead.


 88, 12.178,
299.325


 88, 12.178,
299.325


 100, 12.178,
299.325


 78, 12.178,
299.325

 68, 12.178,
299.325

 58, 12.178,
299.325

 48, 12.178,
299.325

 38, 12.178,
299.325

 28, 12.178,
299.325

 18, 12.178,

299.325

■ 8, 12.178, 299.325

■ 0, 12.178, 299.325

■ 88, 12.178,
299.325

■ 88, 12.178,
299.325

■ 81, 25.402,
300.123

■ 95, 0.555, 118.666

■ 73, 39.133,
301.041

■ 100, 7.167,
109.631

■ 66, 53.349,
302.078

■ 58, 67.954,
303.220

■ 51, 82.701,

304.427

■ 45, 97.051,
305.609

■ 39, 109.988,
306.609

■ 35, 119.984,
307.210

■ 32, 125.928,
307.290

Harmonies

Complementary

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



88, 12.178, 299.325



94, 11.927, 118.030

Rectangle

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



88, 12.178, 299.325



88, 12.178, 349.325



88, 12.178, 119.325



88, 12.178, 169.325

Sweetspot

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



88, 12.176, 299.321



98, 3.966, 298.852



92, 6.672, 221.871



52, 3.009, 298.908



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



88, 12.176, 299.321



91, 14.734, 299.433



89, 13.376, 316.647



46, 7.218, 299.315



23, 102.749, 307.414



3, 38.454, 303.808

Inverse Universe

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



89, 12.484, 331.717



93, 15.080, 331.818



93, 13.273, 135.858



47, 7.401, 331.712



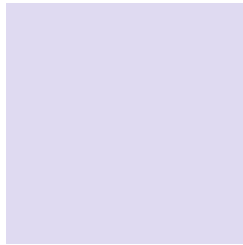
41, 76.351, 339.221



9, 34.083, 337.376

Previews

White Background



This preview shows how the CIELCh color 88, 12.178, 299.325 looks on a white background.

Color Contrast Check

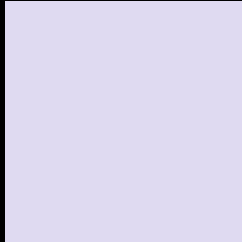
Large Text (above 18pt) WCAG AA × Fail

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 88, 12.178, 299.325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

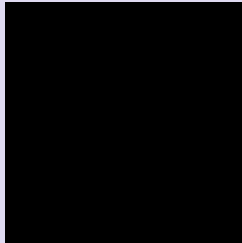
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 12.178, 299.325

Background



This preview shows how black text looks on a background with the CIELCh color 88, 12.178, 299.325.



This preview shows how white text looks on a background with the CIELCh color 88, 12.178, 299.325.

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

88, 12.178, 299.325

Protanopia

88, 12.022, 289.536

Deuteranopia

88, 14.904, 314.694



Tritanopia
88, 8.965, 297.615

Trichromacy



Original Color
88, 12.178, 299.325

Protanomaly
88, 12.032, 292.807

Deuteranomaly
88, 13.896, 310.215

Tritanomaly
88, 10.002, 296.978

Monochromacy



Original Color
88, 12.178, 299.325

Achromatopsia
88, 0.011, 296.813

Achromatomaly
88, 4.769, 299.102

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 12.178, 299.325 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, 218, 241)` looks like.

```
.text, #text, p{  
    color:rgb(223, 218, 241)  
}
```

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, 218, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 218, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 12.178, 299.325 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, 218, 241) }
```

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

```
.border{ border-color:rgb(223, 218, 241) }
```

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

Here you see how a box with a 4 pixel rgb(223, 218, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 218, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 218, 241);  
box-shadow:4px 4px 4px 4px rgb(223, 218,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 12.178, 299.325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 218, 241) }
```

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

```
.background{ background-color: rgb(223,  
218, 241) }
```

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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