

Converting Colors

CIELCh(86, 12.454, 304.123)

Have a look what the booklet for
CIELCh(86, 12.454, 304.123)
contains.

CIELCh(86, 12.443, 304.121)	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(86, 12.443, 304.121)

Conversions

Conversions Part 1

Format	Color
Hex	DCD4EB
RGB	220, 212, 235
RGB Percent	86%, 83%, 92%
CMY	0.1390, 0.1703, 0.0802
CMYK	0.06, 0.10, 0.00, 0.08
HSL	261°, 36%, 87%
HSV	261°, 10%, 92%
XYZ	67.7465, 67.9871, 87.8114
YIQ	217.0140, -2.6150, 8.8490

Conversions

Conversions Part 2

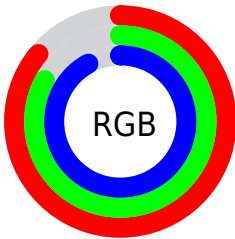
Format	Color
R _Y B	220, 212, 235
Decimal	14472427
CIE Lab	86.00, 6.98, -10.30
CIE LCh	86, 12.443, 304.121
Yxy	67.9871, 0.3031, 0.3041
Android (android.graphics.Color)	4292662507 (0xFFD4CD4EB)
YUV	217.0140, 8.8671, 2.6187
Hunter-Lab	82.4543, 2.3649, -5.4241

Details

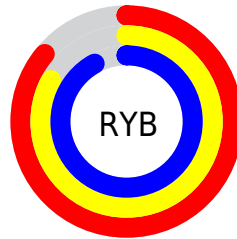
The CIELCh color `86, 12.443, 304.121` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `92, 12.215, 123.068`, and the grayscale version is `87, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `66, 12.602, 304.825` is the 20% darker color. If you saturate the color by 10%, you get `79, 25.561, 304.746`, and if you desaturate by 10%, it is `93, 0.238, 123.883`.

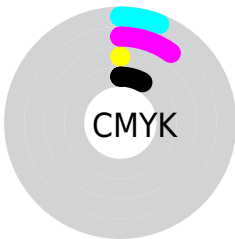
Distribution



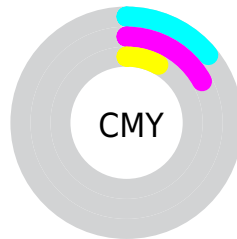
- Red (86%)
- Green (83%)
- Blue (92%)



- Red (86%)
- Yellow (83%)
- Blue (92%)



- Cyan (6%)
- Magenta (10%)
- Yellow (0%)
- Black (8%)





- Cyan (14%)
- Magenta (17%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 12.443, 304.121 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 86, 12.443, 304.121 by changing the saturation by 10% instead.


 86, 12.443,
304.121


 86, 12.443,
304.121


 100, 12.443,
304.121


 76, 12.443,
304.121

 66, 12.443,
304.121

 56, 12.443,
304.121

 46, 12.443,
304.121

 36, 12.443,
304.121

 26, 12.443,
304.121

 16, 12.443,

304.121

■ 6, 12.443, 304.121

■ 0, 12.443, 304.121

■ 86, 12.443,
304.121

■ 86, 12.443,
304.121

■ 79, 25.561,
304.746

■ 93, 0.238, 123.883

■ 72, 39.105,
305.444

■ 99, 10.516,
118.896

■ 65, 53.013,
306.206

■ 100, 10.349,
109.394

■ 58, 67.137,
307.011

■ 52, 81.175,

307.813

■ 46, 94.567,
308.530

■ 40, 106.396,
309.037

■ 36, 115.428,
309.168

■ 33, 120.984,
308.857

Harmonies

Complementary

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



86, 12.443, 304.121



92, 12.215, 123.068

Rectangle

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



86, 12.443, 304.121



86, 12.443, 354.121



86, 12.443, 124.121



86, 12.443, 174.121

Sweetspot

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



86, 12.441, 304.118



98, 4.035, 303.722



89, 6.569, 236.659



52, 3.061, 303.770



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



86, 12.441, 304.118



91, 16.362, 304.253



87, 13.880, 320.228



45, 7.208, 304.098



25, 99.538, 309.015



4, 36.888, 306.632

Inverse Universe

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



87, 11.431, 336.953



92, 15.005, 337.129



91, 13.813, 139.344



46, 6.625, 336.927



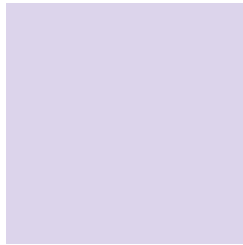
40, 69.391, 348.512



8, 30.635, 344.624

Previews

White Background



This preview shows how the CIELCh color 86, 12.443, 304.121 looks on a white background.

Color Contrast Check

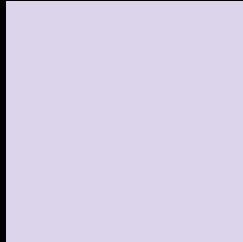
Large Text (above 18pt) WCAG AA × Fail

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 86, 12.443, 304.121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

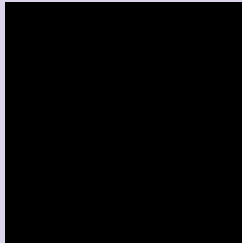
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

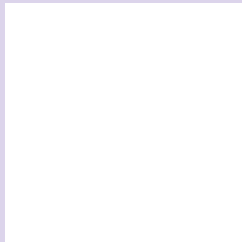
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 12.443, 304.121

Background



This preview shows how black text looks on a background with the CIELCh color 86, 12.443, 304.121.



This preview shows how white text looks on a background with the CIELCh color 86, 12.443, 304.121.

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

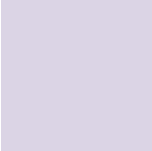
86, 12.443, 304.121

Protanopia

86, 11.549, 289.438

Deuteranopia

86, 15.124, 315.942



Tritanopia
86, 9.304, 306.284

Trichromacy



Original Color
86, 12.443, 304.121

Protanomaly
86, 11.590, 294.577

Deuteranomaly
86, 14.086, 311.584

Tritanomaly
86, 10.319, 304.773

Monochromacy



Original Color
86, 12.443, 304.121

Achromatopsia
87, 0.010, 296.813

Achromatomaly
86, 4.350, 304.751

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 12.443, 304.121 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(220, 212, 235)` looks like.

```
.text, #text, p{  
    color:rgb(220, 212, 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(220, 212, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 212, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 12.443, 304.121 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(220, 212, 235) }
```

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

```
.border{ border-color:rgb(220, 212, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 212, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 212, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 212, 235);  
box-shadow:4px 4px 4px 4px rgb(220, 212,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 12.443, 304.121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 212, 235) }
```

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

```
.background{ background-color: rgb(220,  
212, 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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