

Converting Colors

CIELCh(87, 13.595, 294.227)

Have a look what the booklet for
CIELCh(87, 13.595, 294.227)
contains.

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Color

CIELCh(87, 13.662, 294.192)

Conversions

Conversions Part 1

Format	Color
Hex	D9D7F1
RGB	217, 215, 241
RGB Percent	85%, 84%, 95%
CMY	0.1474, 0.1552, 0.0532
CMYK	0.10, 0.11, 0.00, 0.05
HSL	245°, 49%, 90%
HSV	245°, 11%, 95%
XYZ	69.0881, 70.0064, 93.4249
YIQ	218.5620, -7.1540, 8.5100

Conversions

Conversions Part 2

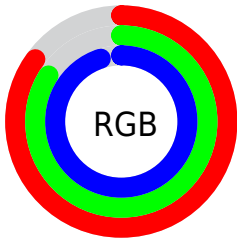
Format	Color
R _Y B	217, 215, 241
Decimal	14276593
CIE Lab	87.00, 5.60, -12.46
CIE LCh	87, 13.662, 294.192
Yxy	70.0064, 0.2971, 0.3011
Android (android.graphics.Color)	4292466673 (0xFFD9D7F1)
YUV	218.5620, 11.0619, -1.3699
Hunter-Lab	83.6698, 0.9694, -7.6337

Details

The CIELCh color $87, 13.662, 294.192$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $95, 13.325, 112.285$, 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 $67, 13.875, 294.559$ is the 20% darker color. If you saturate the color by 10%, you get $79, 26.879, 295.264$, and if you desaturate by 10%, it is $95, 0.969, 293.308$.

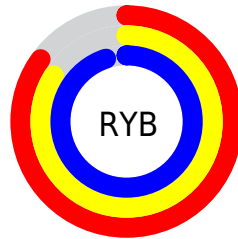
Distribution



Red (85%)

Green (84%)

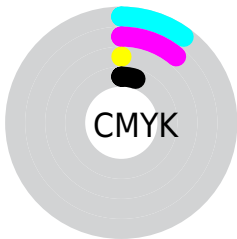
Blue (95%)



Red (85%)

Yellow (84%)

Blue (95%)

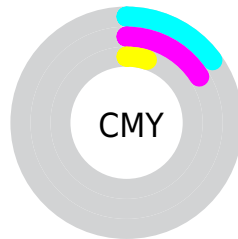


Cyan (10%)

Magenta (11%)

Yellow (0%)

Black (5%)



Cyan (15%)


Magenta (16%)


Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 87, 13.662, 294.192 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 87, 13.662, 294.192 by changing the saturation by 10% instead.


 87, 13.662,
294.192


 87, 13.662,
294.192


 100, 13.662,
294.192


 77, 13.662,
294.192

 67, 13.662,
294.192

 57, 13.662,
294.192

 47, 13.662,
294.192

 37, 13.662,
294.192

 27, 13.662,
294.192

 17, 13.662,

294.192

■ 7, 13.662, 294.192

■ 0, 13.662, 294.192

■ 87, 13.662,
294.192

■ 87, 13.662,
294.192

■ 79, 26.879,
295.264

■ 95, 0.969, 293.308

■ 72, 40.657,
296.522

■ 100, 6.869,
109.653

■ 64, 55.004,
297.976

■ 56, 69.864,
299.622

■ 49, 85.011,

301.415

■ 42, 99.855,
303.233

■ 37, 113.161,
304.854

■ 33, 123.004,
305.976

■ 31, 128.007,
306.469

Harmonies

Complementary

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



87, 13.662, 294.192



95, 13.325, 112.285

Rectangle

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



87, 13.662, 294.192



87, 13.662, 344.192



87, 13.662, 114.192



87, 13.662, 164.192

Sweetspot

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



87, 13.660, 294.188



98, 3.924, 293.470



93, 8.366, 205.093



52, 2.977, 293.539



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



87, 13.660, 294.188



90, 17.311, 294.417



88, 14.603, 311.816



46, 7.146, 294.061



22, 104.153, 306.523



3, 38.003, 300.545

Inverse Universe

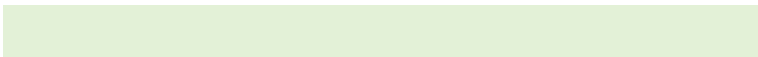
The Inverse Universe completely reimagines the original color for something new.



89, 15.586, 327.179



92, 19.687, 327.314



94, 14.412, 130.910



47, 8.168, 327.101



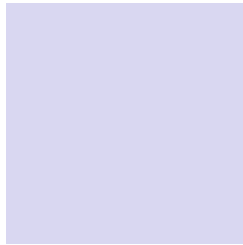
43, 85.015, 331.547



10, 37.425, 331.053

Previews

White Background



This preview shows how the CIELCh color 87, 13.662, 294.192 looks on a white background.

Color Contrast Check

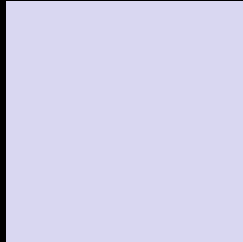
Large Text (above 18pt) WCAG AA × Fail

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 87, 13.662, 294.192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

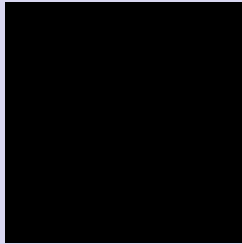
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 13.662, 294.192

Background



This preview shows how black text looks on a background with the CIELCh color 87, 13.662, 294.192.



This preview shows how white text looks on a background with the CIELCh color 87, 13.662, 294.192.

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

87, 13.662, 294.192

Protanopia

87, 13.622, 289.874

Deuteranopia

87, 16.754, 310.765



Tritanopia
87, 8.906, 288.687

Trichromacy



Original Color
87, 13.662, 294.192

Protanomaly
87, 13.623, 291.310

Deuteranomaly
87, 15.735, 305.380

Tritanomaly
87, 11.017, 292.896

Monochromacy



Original Color
87, 13.662, 294.192

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 4.715, 290.584

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 13.662, 294.192 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(217, 215, 241)` looks like.

```
.text, #text, p{  
    color:rgb(217, 215, 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(217, 215, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 215, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 13.662, 294.192 is called "border". The border property can be set on classes, ids or directly on the HTML element.

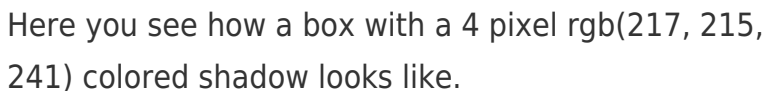
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 215, 241) }
```

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

```
.border{ border-color:rgb(217, 215, 241) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 215, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 215, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 215, 241);  
box-shadow:4px 4px 4px 4px rgb(217, 215,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 13.662, 294.192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 215, 241) }
```

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

```
.background{ background-color: rgb(217,  
215, 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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