

Converting Colors

CIELCh(87, 15.356, 326.933)

Have a look what the booklet for
CIELCh(87, 15.356, 326.933)
contains.

CIELCh(87, 15.651, 327.194)	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(87, 15.651, 327.194)

Conversions

Conversions Part 1

Format	Color
Hex	ECD2EA
RGB	236, 210, 234
RGB Percent	93%, 82%, 92%
CMY	0.0737, 0.1757, 0.0816
CMYK	0.00, 0.11, 0.01, 0.07
HSL	305°, 41%, 88%
HSV	305°, 11%, 93%
XYZ	72.6307, 70.0064, 87.6739
YIQ	220.5100, 7.7920, 12.9760

Conversions

Conversions Part 2

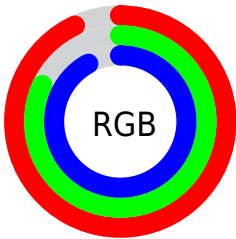
Format	Color
R _Y B	236, 210, 234
Decimal	15520490
CIE Lab	87.00, 13.15, -8.48
CIE LCh	87, 15.651, 327.194
Yxy	70.0064, 0.3154, 0.3040
Android (android.graphics.Color)	4293710570 (0xFFECD2EA)
YUV	220.5100, 6.6506, 13.5847
Hunter-Lab	83.6698, 8.5270, -3.5585

Details

The CIELCh color **87, 15.651, 327.194** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91, 15.622, 145.925**, 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 **67, 15.820, 327.442** is the 20% darker color. If you saturate the color by 10%, you get **81, 29.969, 327.783**, and if you desaturate by 10%, it is **93, 1.430, 326.424**.

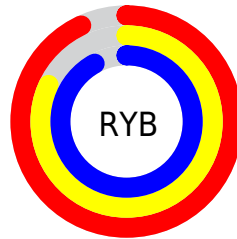
Distribution



Red (93%)

Green (82%)

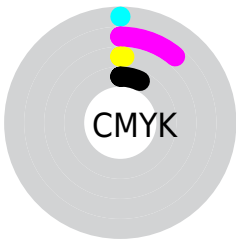
Blue (92%)



Red (93%)

Yellow (82%)

Blue (92%)

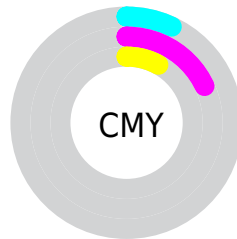


Cyan (0%)

Magenta (11%)

Yellow (1%)

Black (7%)



Cyan (7%)


Magenta (18%)


Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 87, 15.651, 327.194 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, 15.651, 327.194 by changing the saturation by 10% instead.


 87, 15.651,
327.194


 87, 15.651,
327.194


 100, 15.651,
327.194


 77, 15.651,
327.194

 67, 15.651,
327.194

 57, 15.651,
327.194

 47, 15.651,
327.194

 37, 15.651,
327.194

 27, 15.651,
327.194

 17, 15.651,

327.194

■ 7, 15.651, 327.194

■ 0, 15.651, 327.194

■ 87, 15.651,
327.194

■ 87, 15.651,
327.194

■ 81, 29.969,
327.783

■ 93, 1.430, 326.424

■ 76, 44.151,
328.364

■ 98, 11.029,
146.464

■ 71, 57.850,
328.931

■ 98, 10.297,
149.524

■ 66, 70.604,
329.475

■ 98, 9.597, 153.032

■ 62, 81.851,

■ 98, 8.937, 157.065

329.985

98, 8.326, 161.705

59, 91.000,
330.454

98, 7.776, 167.031

57, 97.552,
330.881

99, 7.300, 173.099

56, 101.275,
331.273

99, 6.915, 179.919

55, 102.574,
331.608

Harmonies

Complementary

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



87, 15.651, 327.194



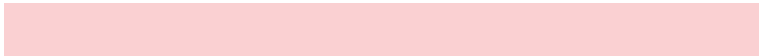
91, 15.622, 145.925

Rectangle

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



87, 15.651, 327.194



87, 15.651, 17.194



87, 15.651, 147.194



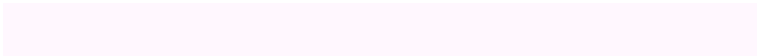
87, 15.651, 197.194

Sweetspot

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



87, 15.648, 327.194



98, 4.518, 326.683



85, 13.714, 293.829



52, 3.426, 326.744



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, 15.648, 327.194



92, 19.686, 327.316



87, 11.144, 348.354



46, 8.024, 327.102



42, 84.137, 331.547



9, 36.348, 331.027

Inverse Universe

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



87, 15.648, 327.194



92, 19.686, 327.316



91, 10.932, 166.474



46, 8.024, 327.102



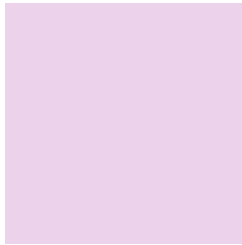
42, 84.137, 331.547



9, 36.348, 331.027

Previews

White Background



This preview shows how the CIELCh color 87, 15.651, 327.194 looks on a white background.

Color Contrast Check

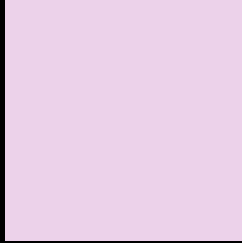
Large Text (above 18pt) WCAG AA × Fail

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, 15.651, 327.194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

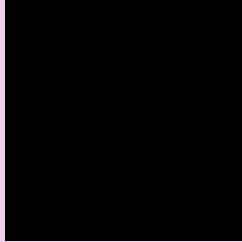
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 15.651, 327.194

Background



This preview shows how black text looks on a background with the CIELCh color 87, 15.651, 327.194.



This preview shows how white text looks on a background with the CIELCh color 87, 15.651, 327.194.

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, 15.651, 327.194

Protanopia

87, 10.997, 289.297

Deuteranopia

87, 13.584, 322.413



Tritanopia
87, 12.420, 334.618

Trichromacy



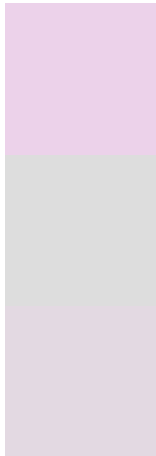
Original Color
87, 15.651, 327.194

Protanomaly
87, 11.902, 304.662

Deuteranomaly
87, 14.606, 324.963

Tritanomaly
87, 13.180, 331.438

Monochromacy



Original Color
87, 15.651, 327.194

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 5.944, 327.474

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 15.651, 327.194 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(236, 210, 234)` looks like.

```
.text, #text, p{  
    color:rgb(236, 210, 234)  
}
```

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(236, 210, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 210, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 15.651, 327.194 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(236, 210, 234) }
```

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

```
.border{ border-color:rgb(236, 210, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 210, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 210, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 210, 234);  
box-shadow:4px 4px 4px 4px rgb(236, 210,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 15.651, 327.194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 210, 234) }
```

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

```
.background{ background-color: rgb(236,  
210, 234) }
```

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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