

Converting Colors

CIELCh(87, 1.276, 353.823)

Have a look what the booklet for
CIELCh(87, 1.276, 353.823) contains.

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Color

CIELCh(87, 1.211, 353.403)

Conversions

Conversions Part 1

Format	Color
Hex	DCD9DA
RGB	220, 217, 218
RGB Percent	86%, 85%, 85%
CMY	0.1367, 0.1484, 0.1445
CMYK	0.00, 0.01, 0.01, 0.14
HSL	340°, 4%, 86%
HSV	340°, 1%, 86%
XYZ	67.0813, 70.0064, 76.4044
YIQ	218.0110, 1.4670, 0.9470

Conversions

Conversions Part 2

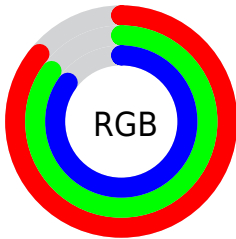
Format	Color
R _Y B	220, 217, 218
Decimal	14473690
CIE Lab	87.00, 1.20, -0.14
CIE LCh	87, 1.211, 353.403
Yxy	70.0064, 0.3142, 0.3279
Android (android.graphics.Color)	4292663770 (0xFFDCD9DA)
YUV	218.0110, -0.0054, 1.7444
Hunter-Lab	83.6698, -3.3118, 4.4273

Details

The CIELCh color $87, 1.211, 353.403$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $88, 1.194, 174.044$, 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 $67, 1.278, 353.538$ is the 20% darker color. If you saturate the color by 10%, you get $81, 10.253, 354.785$, and if you desaturate by 10%, it is $93, 7.470, 173.087$.

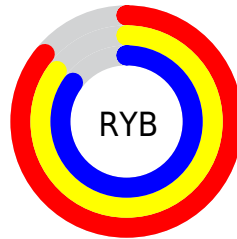
Distribution



Red (86%)

Green (85%)

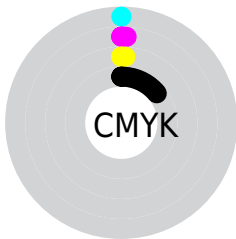
Blue (85%)



Red (86%)

Yellow (85%)

Blue (85%)

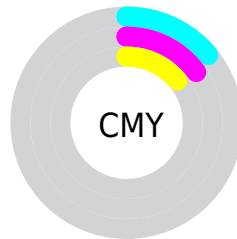


Cyan (0%)

Magenta (1%)

Yellow (1%)

Black (14%)



Cyan (14%)

Magenta (15%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 1.211, 353.403 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, 1.211, 353.403 by changing the saturation by 10% instead.

■ 87, 1.211, 353.403

■ 87, 1.211, 353.403

100, 1.211,
353.403

■ 77, 1.211, 353.403

■ 67, 1.211, 353.403

■ 57, 1.211, 353.403

■ 47, 1.211, 353.403

■ 37, 1.211, 353.403

■ 27, 1.211, 353.403

■ 17, 1.211, 353.403

■ 7, 1.211, 353.403

■ 0, 1.211, 353.403

87, 1.211, 353.403

87, 1.211, 353.403

81, 10.253,
354.785

93, 7.470, 173.087

75, 19.614,
355.911

97, 12.583,
180.965

70, 29.182,
357.207

98, 11.756,
198.721

65, 38.767,
358.743

60, 48.076, 0.610

55, 56.711, 2.929

52, 64.220, 5.858

49, 70.228, 9.576

47, 74.638, 14.221

Harmonies

Complementary

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



87, 1.211, 353.403



88, 1.194, 174.044

Rectangle

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



87, 1.211, 353.403



87, 1.211, 43.403



87, 1.211, 173.403



87, 1.211, 223.403

Sweetspot

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



87, 1.209, 353.457

100, 0.012, 296.813



87, 1.741, 314.620



53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

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



87, 1.209, 353.457



99, 2.001, 353.651



87, 0.933, 35.045



46, 1.005, 353.620



36, 64.671, 17.834



6, 23.995, 5.192

Inverse Universe

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



87, 1.209, 353.457



99, 2.001, 353.651



87, 0.928, 216.330



46, 1.005, 353.620



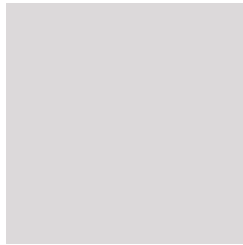
36, 64.671, 17.834



6, 23.995, 5.192

Previews

White Background



This preview shows how the CIELCh color 87, 1.211, 353.403 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 87, 1.211, 353.403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

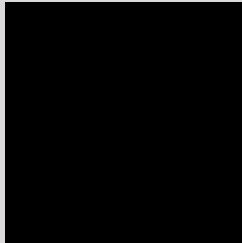
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

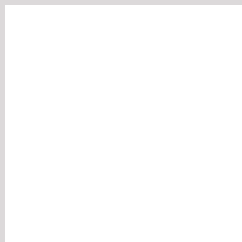
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 1.211, 353.403

Background



This preview shows how black text looks on a background with the CIELCh color 87, 1.211, 353.403.

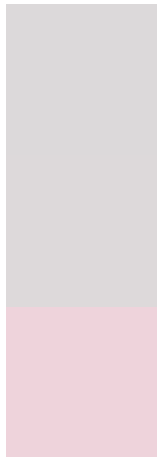


This preview shows how white text looks on a background with the CIELCh color 87, 1.211, 353.403.

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

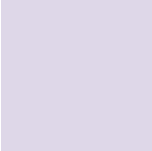
87, 1.211, 353.403

Protanopia

87, 1.544, 359.339

Deuteranopia

87, 10.711, 357.268



Tritanopia
87, 9.280, 306.279

Trichromacy



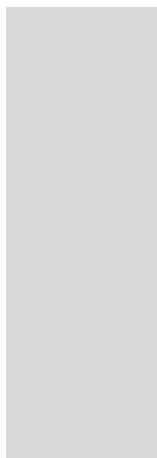
Original Color
87, 1.211, 353.403

Protanomaly
87, 1.544, 359.339

Deuteranomaly
87, 7.600, 355.580

Tritanomaly
87, 6.057, 307.669

Monochromacy



Original Color
87, 1.211, 353.403

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 0.361, 17.801

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 1.211, 353.403 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, 217, 218)` looks like.

```
.text, #text, p{  
    color:rgb(220, 217, 218)  
}
```

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, 217, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 217, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 1.211, 353.403 is called "border". The border property can be set on classes, ids or directly on the HTML element.

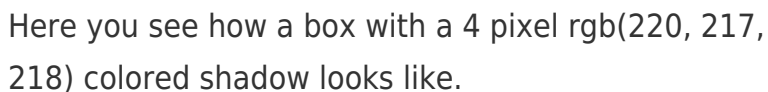
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(220, 217, 218) }
```

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

```
.border{ border-color:rgb(220, 217, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(220, 217, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 217, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 217, 218);  
box-shadow:4px 4px 4px 4px rgb(220, 217,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 1.211, 353.403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 217, 218) }
```

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

```
.background{ background-color: rgb(220,  
217, 218) }
```

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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