

Converting Colors

CIELCh(86, 5.420, 89.519)

Have a look what the booklet for
CIELCh(86, 5.420, 89.519) contains.

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Color

CIELCh(86, 5.525, 90.236)

Conversions

Conversions Part 1

Format	Color
Hex	DCD7CD
RGB	220, 215, 205
RGB Percent	86%, 84%, 80%
CMY	0.1386, 0.1581, 0.1974
CMYK	0.00, 0.02, 0.07, 0.14
HSL	40°, 18%, 83%
HSV	40°, 7%, 86%
XYZ	64.6097, 67.9871, 67.2664
YIQ	215.3550, 6.1900, -2.0500

Conversions

Conversions Part 2

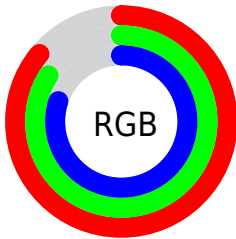
Format	Color
R_{YB}	213, 220, 205
Decimal	14473165
CIE _{Lab}	86.00, -0.02, 5.52
CIE _{LCh}	86, 5.525, 90.236
Yxy	67.9871, 0.3233, 0.3402
Android (android.graphics.Color)	4292663245 (0xFFDCD7CD)
YUV	215.3550, -5.1050, 4.0737
Hunter-Lab	82.4543, -4.4257, 9.3491

Details

The CIELCh color **86, 5.525, 90.236** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84, 5.535, 272.068**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **66, 5.325, 88.092** is the 20% darker color. If you saturate the color by 10%, you get **84, 13.782, 89.012**, and if you desaturate by 10%, it is **88, 2.555, 271.633**.

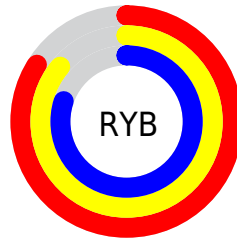
Distribution



Red (86%)

Green (84%)

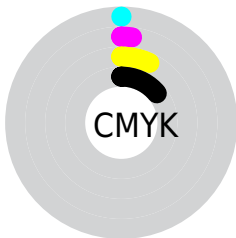
Blue (80%)



Red (84%)

Yellow (86%)

Blue (80%)

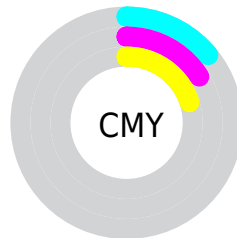


Cyan (0%)

Magenta (2%)

Yellow (7%)

Black (14%)



Cyan (14%)

Magenta (16%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 5.525, 90.236 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, 5.525, 90.236 by changing the saturation by 10% instead.



86, 5.525, 90.236

86, 5.525, 90.236

84, 13.782, 89.012

88, 2.555, 271.633

81, 22.204, 87.703

91, 10.467,
272.735

79, 30.765, 86.349

93, 10.949,
259.527

77, 39.397, 84.955

75, 47.957, 83.511

95, 9.839, 234.438

73, 56.177, 81.992

97, 10.770,
209.101

71, 63.579, 80.339

98, 11.911,
198.710

69, 69.419, 78.434

67, 72.889, 76.095

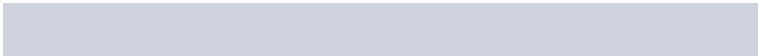
Harmonies

Complementary

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



86, 5.525, 90.236



84, 5.535, 272.068

Rectangle

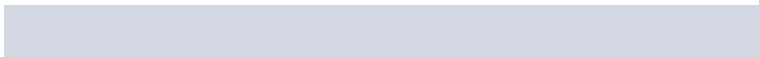
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86, 5.525, 90.236



86, 5.525, 140.236



86, 5.525, 270.236



86, 5.525, 320.236

Sweetspot

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



86, 5.526, 90.258



99, 1.810, 90.741



84, 6.101, 354.244



53, 1.029, 90.745



0, 0.000, 0.000



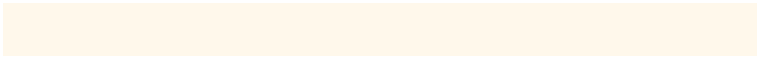
53, 0.007, 296.813

Same Dimension

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



86, 5.526, 90.258



98, 7.321, 90.110



87, 7.873, 116.217



45, 4.604, 89.943



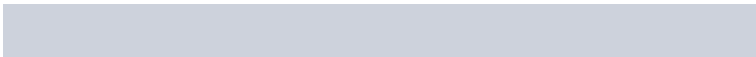
53, 61.818, 75.814



13, 19.499, 78.621

Inverse Universe

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



84, 5.535, 272.068



95, 7.325, 272.230



83, 8.003, 297.214



43, 4.604, 272.414



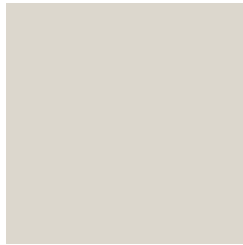
29, 72.932, 296.444



5, 22.641, 285.408

Previews

White Background



This preview shows how the CIELCh color 86, 5.525, 90.236 looks on a white background.

Color Contrast Check

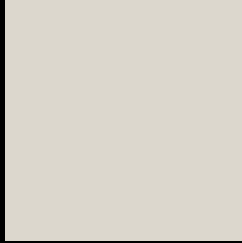
Large Text (above 18pt) WCAG AA × Fail

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 86, 5.525, 90.236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

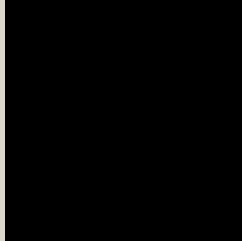
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

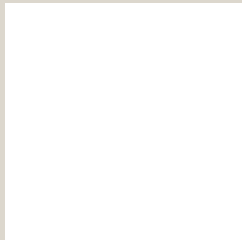
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 5.525, 90.236

Background



This preview shows how black text looks on a background with the CIELCh color 86, 5.525, 90.236.

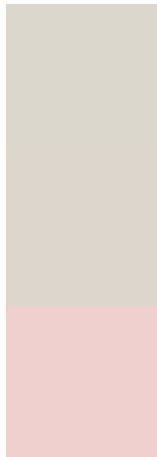


This preview shows how white text looks on a background with the CIELCh color 86, 5.525, 90.236.

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

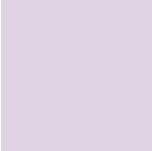
86, 5.525, 90.236

Protanopia

86, 5.815, 83.306

Deuteranopia

86, 11.619, 25.350



Tritanopia
86, 9.943, 316.211

Trichromacy



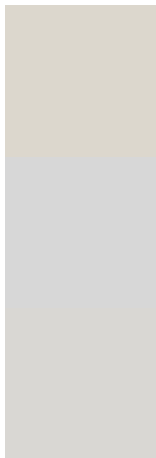
Original Color
86, 5.525, 90.236

Protanomaly
86, 5.815, 83.306

Deuteranomaly
86, 8.432, 34.238

Tritanomaly
86, 5.563, 330.747

Monochromacy



Original Color
86, 5.525, 90.236

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 2.200, 90.670

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 5.525, 90.236 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, 215, 205)` looks like.

```
.text, #text, p{  
    color:rgb(220, 215, 205)  
}
```

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, 215, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 215, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 5.525, 90.236 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, 215, 205) }
```

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

```
.border{ border-color:rgb(220, 215, 205) }
```

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

Here you see how a box with a 4 pixel rgb(220, 215, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 215, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 215, 205);  
box-shadow:4px 4px 4px 4px rgb(220, 215,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 5.525, 90.236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 215, 205) }
```

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

```
.background{ background-color: rgb(220,  
215, 205) }
```

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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