

Converting Colors

CIELCh(87, 6.460, 136.410)

Have a look what the booklet for
CIELCh(87, 6.460, 136.410) contains.

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Color

CIELCh(87, 6.460, 136.410)

Conversions

Conversions Part 1

Format	Color
Hex	D4DCD1
RGB	212, 220, 209
RGB Percent	83%, 86%, 82%
CMY	0.1674, 0.1360, 0.1792
CMYK	0.04, 0.00, 0.05, 0.14
HSL	104°, 14%, 84%
HSV	104°, 5%, 86%
XYZ	64.4573, 70.0064, 70.6322
YIQ	216.3540, -1.2370, -5.1170

Conversions

Conversions Part 2

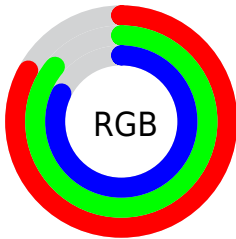
Format	Color
R _Y B	209, 220, 217
Decimal	13950161
CIE Lab	87.00, -4.68, 4.45
CIE LCh	87, 6.460, 136.410
Yxy	70.0064, 0.3143, 0.3413
Android (android.graphics.Color)	4292140241 (0xFFD4DCD1)
YUV	216.3540, -3.6255, -3.8185
Hunter-Lab	83.6698, -8.9099, 8.5176

Details

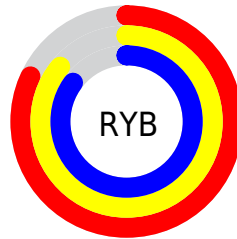
The CIELCh color $87, 6.460, 136.410$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $85, 6.501, 316.773$, and the grayscale version is $87, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $67, 6.334, 138.572$ is the 20% darker color. If you saturate the color by 10%, you get $85, 19.498, 135.926$, and if you desaturate by 10%, it is $89, 6.450, 316.762$.

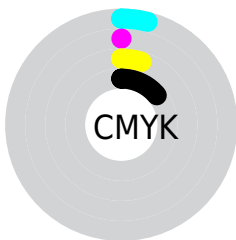
Distribution



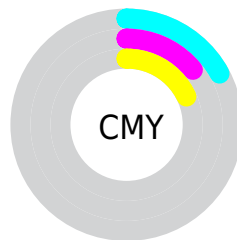
- Red (83%)
- Green (86%)
- Blue (82%)



- Red (82%)
- Yellow (86%)
- Blue (85%)



- Cyan (4%)
- Magenta (0%)
- Yellow (5%)
- Black (14%)



- Cyan (17%)
- Magenta (14%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 6.460, 136.410 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, 6.460, 136.410 by changing the saturation by 10% instead.

■ 87, 6.460, 136.410

■ 87, 6.460, 136.410

■ 100, 6.460,
136.410

■ 77, 6.460, 136.410

■ 67, 6.460, 136.410

■ 57, 6.460, 136.410

■ 47, 6.460, 136.410

■ 37, 6.460, 136.410

■ 27, 6.460, 136.410

■ 17, 6.460, 136.410

■ 7, 6.460, 136.410

■ 0, 6.460, 136.410

87, 6.460, 136.410

87, 6.460, 136.410

85, 19.498,
135.926

89, 6.450, 316.762

84, 32.550,
135.403

91, 19.166,
317.141

83, 45.468,
134.837

92, 21.716,
325.180

81, 58.045,
134.248

80, 69.995,
133.679

79, 80.923,
133.201

79, 90.324,
132.922

78, 97.631,
132.971

■ 78, 102.431,
133.448

Harmonies

Complementary

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



87, 6.460, 136.410



85, 6.501, 316.773

Rectangle

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



87, 6.460, 136.410



87, 6.460, 186.410



87, 6.460, 316.410



87, 6.460, 6.410

Sweetspot

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



87, 6.462, 136.413



100, 1.444, 136.709



87, 4.257, 94.269



53, 0.821, 136.720



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, 6.462, 136.413



99, 8.745, 136.361



87, 6.038, 150.854



46, 5.127, 136.335



62, 86.862, 133.571



16, 31.381, 134.949

Inverse Universe

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



85, 6.501, 316.773



96, 8.799, 316.823



85, 6.061, 331.375



44, 5.159, 316.848



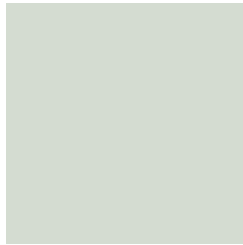
33, 89.218, 318.285



5, 33.025, 318.387

Previews

White Background



This preview shows how the CIELCh color 87, 6.460, 136.410 looks on a white background.

Color Contrast Check

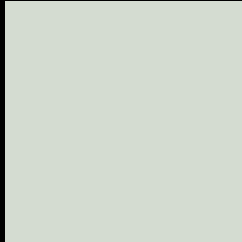
Large Text (above 18pt) WCAG AA × Fail

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, 6.460, 136.410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

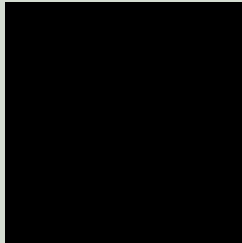
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

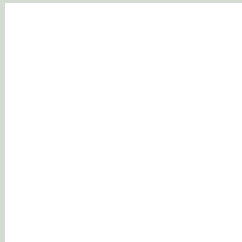
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 6.460, 136.410

Background



This preview shows how black text looks on a background with the CIELCh color 87, 6.460, 136.410.

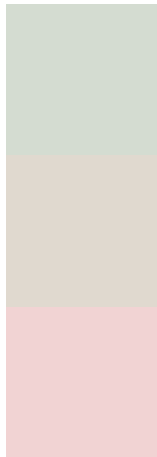


This preview shows how white text looks on a background with the CIELCh color 87, 6.460, 136.410.

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, 6.460, 136.410

Protanopia

87, 5.799, 83.317

Deuteranopia

87, 11.117, 20.179



Tritanopia
87, 8.906, 288.687

Trichromacy



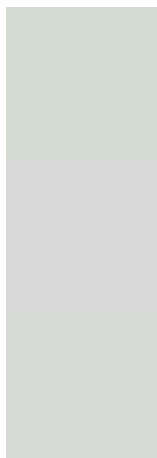
Original Color
87, 6.460, 136.410

Protanomaly
87, 5.256, 101.709

Deuteranomaly
87, 6.596, 38.156

Tritanomaly
87, 3.803, 274.310

Monochromacy



Original Color
87, 6.460, 136.410

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 2.358, 137.305

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 6.460, 136.410 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(212, 220, 209)` looks like.

```
.text, #text, p{  
    color:rgb(212, 220, 209)  
}
```

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(212, 220, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 220, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 6.460, 136.410 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(212, 220, 209) }
```

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

```
.border{ border-color:rgb(212, 220, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 220, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 220, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 220, 209); box-shadow:4px 4px 4px 4px rgb(212, 220, 209) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 6.460, 136.410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 220, 209) }
```

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

```
.background{ background-color: rgb(212,  
220, 209) }
```

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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