

Converting Colors

CIELCh(90, 10.163, 135.676)

Have a look what the booklet for
CIELCh(90, 10.163, 135.676)
contains.

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Color

CIELCh(90, 9.856, 135.624)

Conversions

Conversions Part 1

Format	Color
Hex	DAE6D5
RGB	218, 230, 213
RGB Percent	85%, 90%, 84%
CMY	0.1451, 0.0980, 0.1647
CMYK	0.05, 0.00, 0.07, 0.10
HSL	102°, 25%, 87%
HSV	102°, 7%, 90%
XYZ	69.2208, 76.3034, 74.0310
YIQ	224.4740, -1.6950, -7.8310

Conversions

Conversions Part 2

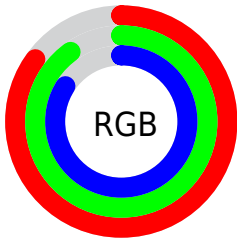
Format	Color
RYB	213, 230, 225
Decimal	14345941
CIELab	90.00, -7.04, 6.89
CIELCh	90, 9.856, 135.624
Yxy	76.3034, 0.3153, 0.3475
Android (android.graphics.Color)	4292536021 (0xFFDAE6D5)
YUV	224.4740, -5.6567, -5.6777
Hunter-Lab	87.3518, -11.4155, 10.8978

Details

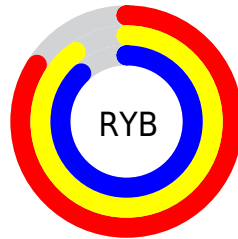
The CIELCh color **90, 9.856, 135.624** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **87, 9.928, 316.211**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 10.385, 135.522** is the 20% darker color. If you saturate the color by 10%, you get **88, 23.286, 135.142**, and if you desaturate by 10%, it is **92, 3.471, 315.969**.

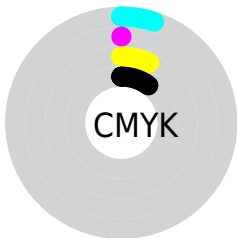
Distribution



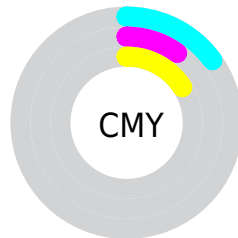
- Red (85%)
- Green (90%)
- Blue (84%)



- Red (84%)
- Yellow (90%)
- Blue (88%)



- Cyan (5%)
- Magenta (0%)
- Yellow (7%)
- Black (10%)



- Cyan (15%)
- Magenta (10%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 9.856, 135.624 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 90, 9.856, 135.624 by changing the saturation by 10% instead.

■ 90, 9.856, 135.624

■ 90, 9.856, 135.624

■ 100, 9.856,
135.624

■ 80, 9.856, 135.624

■ 70, 9.856, 135.624

■ 60, 9.856, 135.624

■ 50, 9.856, 135.624

■ 40, 9.856, 135.624

■ 30, 9.856, 135.624

■ 20, 9.856, 135.624

■ 10, 9.856, 135.624

■ 0, 9.856, 135.624

90, 9.856, 135.624

90, 9.856, 135.624

88, 23.286,
135.142

92, 3.471, 315.969

87, 36.694,
134.617

94, 14.795,
319.804

86, 49.919,
134.058

94, 15.617,
324.964

84, 62.733,
133.491

83, 74.817,
132.965

82, 85.738,
132.563

82, 94.946,
132.402

81, 101.871,
132.613

■ 81, 106.216,
133.256

Harmonies

Complementary

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



90, 9.856, 135.624



87, 9.928, 316.211

Rectangle

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



90, 9.856, 135.624



90, 9.856, 185.624



90, 9.856, 315.624



90, 9.856, 5.624

Sweetspot

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



90, 9.858, 135.627



100, 2.884, 135.915



90, 6.428, 92.761



53, 1.639, 135.923



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



90, 9.858, 135.627



98, 13.061, 135.548



90, 9.383, 150.089



47, 7.569, 135.529



64, 88.370, 133.227



18, 34.288, 133.487

Inverse Universe

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



87, 9.928, 316.211



94, 13.163, 316.285



87, 9.413, 330.952



45, 7.630, 316.303



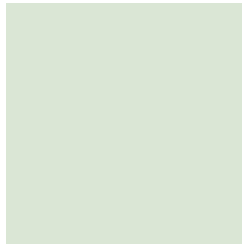
33, 91.514, 317.576



6, 36.768, 318.331

Previews

White Background



This preview shows how the CIELCh color 90, 9.856, 135.624 looks on a white background.

Color Contrast Check

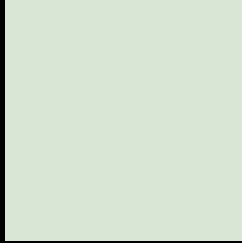
Large Text (above 18pt) WCAG AA × Fail

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 90, 9.856, 135.624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

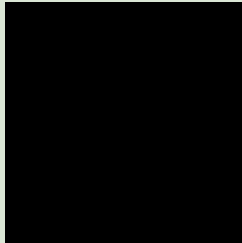
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

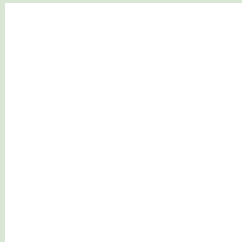
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 9.856, 135.624

Background



This preview shows how black text looks on a background with the CIELCh color 90, 9.856, 135.624.

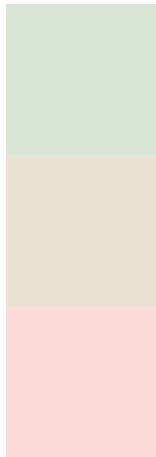


This preview shows how white text looks on a background with the CIELCh color 90, 9.856, 135.624.

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

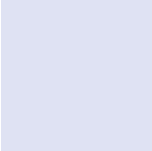
90, 9.856, 135.624

Protanopia

90, 8.432, 86.313

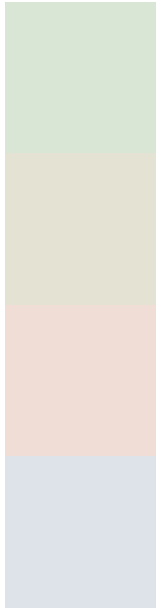
Deuteranopia

90, 12.711, 27.241



Tritanopia
90, 8.880, 284.210

Trichromacy



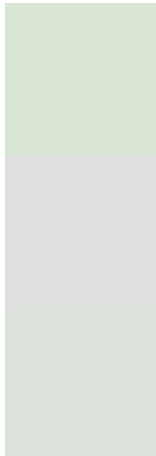
Original Color
90, 9.856, 135.624

Protanomaly
90, 8.283, 106.954

Deuteranomaly
90, 7.813, 51.699

Tritanomaly
90, 3.322, 251.039

Monochromacy



Original Color
90, 9.856, 135.624

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 3.438, 134.615

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 9.856, 135.624 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(218, 230, 213)` looks like.

```
.text, #text, p{  
    color:rgb(218, 230, 213)  
}
```

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(218, 230, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 230, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 9.856, 135.624 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(218, 230, 213) }
```

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

```
.border{ border-color:rgb(218, 230, 213) }
```

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

Here you see how a box with a 4 pixel rgb(218, 230, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 230, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 230, 213);  
box-shadow:4px 4px 4px 4px rgb(218, 230,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 9.856, 135.624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 230, 213) }
```

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

```
.background{ background-color: rgb(218,  
230, 213) }
```

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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