

Converting Colors

CIELCh(89, 7.538, 250.117)

Have a look what the booklet for
CIELCh(89, 7.538, 250.117) contains.

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Color

CIELCh(89, 7.627, 248.037)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D3E2ED |
| RGB | 211, 226, 237 |
| RGB Percent | 83%, 89%, 93% |
| CMY | 0.1735, 0.1147, 0.0716 |
| CMYK | 0.11, 0.05, 0.00, 0.07 |
| HSL | 205°, 42%, 88% |
| HSV | 205°, 11%, 93% |
| XYZ | 69.1663, 74.1641, 90.5924 |
| YIQ | 222.7690, -12.4710, 0.2410 |

Conversions

Conversions Part 2

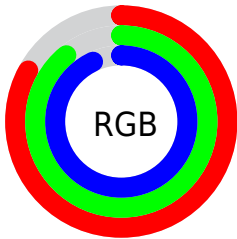
| Format | Color |
|-------------------------------------|--|
| RYB | 211, 221, 237 |
| Decimal | 13886189 |
| CIELab | 89.00, -2.85, -7.07 |
| CIELCh | 89, 7.627, 248.037 |
| Yxy | 74.1641, 0.2957, 0.3170 |
| Android (android.graphics.Color) | 4292076269 (0xFFD3E2ED) |
| YUV | 222.7690, 7.0159, -10.3214 |
| Hunter-Lab | 86.1186, -7.3450, -2.0870 |

Details

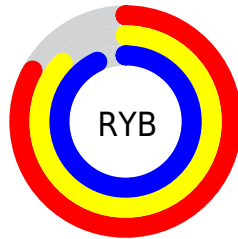
The CIELCh color `89, 7.627, 248.037` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `89, 7.942, 65.396`, and the grayscale version is `89, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `69, 7.598, 245.534` is the 20% darker color. If you saturate the color by 10%, you get `85, 14.385, 249.450`, and if you desaturate by 10%, it is `93, 0.694, 247.448`.

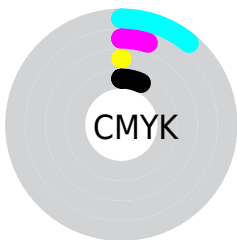
Distribution



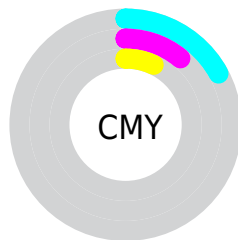
- Red (83%)
- Green (89%)
- Blue (93%)



- Red (83%)
- Yellow (87%)
- Blue (93%)



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)
- Black (7%)



- Cyan (17%)
- Magenta (11%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 7.627, 248.037 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 89, 7.627, 248.037 by changing the saturation by 10% instead.

■ 89, 7.627, 248.037

■ 89, 7.627, 248.037

■ 100, 7.627,
248.037

■ 79, 7.627, 248.037

■ 69, 7.627, 248.037

■ 59, 7.627, 248.037

■ 49, 7.627, 248.037

■ 39, 7.627, 248.037

■ 29, 7.627, 248.037

■ 19, 7.627, 248.037

■ 9, 7.627, 248.037

■ 0, 7.627, 248.037

89, 7.627, 248.037

89, 7.627, 248.037

85, 14.385,
249.450

93, 0.694, 247.448

81, 20.922,
251.207

97, 5.646, 73.890

77, 27.192,
253.345

100, 9.242,
109.477

73, 33.160,
255.938

69, 38.813,
259.057

65, 44.181,
262.750

62, 49.347,
267.019

59, 54.448,
271.776

■ 56, 59.157,
276.240

Harmonies

Complementary

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



89, 7.627, 248.037



89, 7.942, 65.396

Rectangle

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



89, 7.627, 248.037



89, 7.627, 298.037



89, 7.627, 68.037



89, 7.627, 118.037

Sweetspot

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



89, 7.626, 248.022



99, 2.237, 247.207



91, 12.184, 158.586



52, 1.693, 247.251



0, 0.000, 0.000



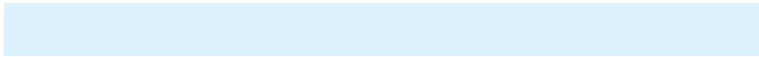
53, 0.007, 296.813

Same Dimension

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



89, 7.626, 248.022



94, 9.566, 248.292



86, 12.530, 287.830



47, 3.924, 247.834



43, 47.676, 275.320



11, 18.050, 266.536

Inverse Universe

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



87, 12.252, 340.547



92, 15.436, 340.724



92, 12.269, 105.454



46, 6.283, 340.418



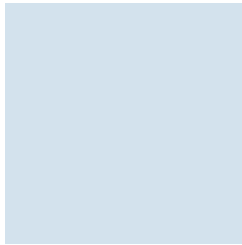
39, 66.954, 354.847



8, 29.496, 349.593

Previews

White Background



This preview shows how the CIELCh color 89, 7.627, 248.037 looks on a white background.

Color Contrast Check

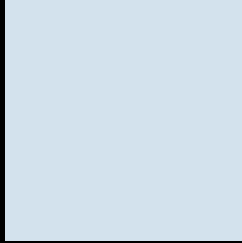
Large Text (above 18pt) WCAG AA × Fail

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 89, 7.627, 248.037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

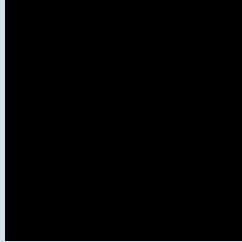
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

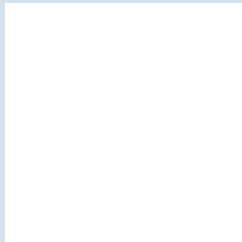
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 7.627, 248.037

Background



This preview shows how black text looks on a background with the CIELCh color 89, 7.627, 248.037.

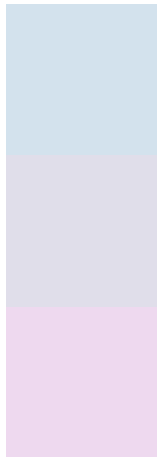


This preview shows how white text looks on a background with the CIELCh color 89, 7.627, 248.037.

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

89, 7.627, 248.037

Protanopia

89, 6.310, 297.084

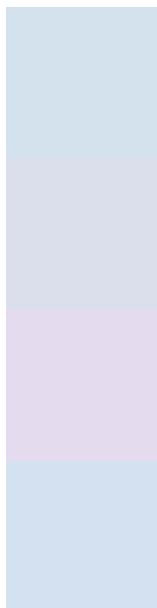
Deuteranopia

89, 13.716, 323.682



Tritanopia
89, 10.275, 265.419

Trichromacy



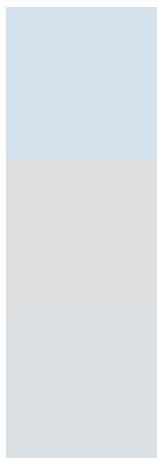
Original Color
89, 7.627, 248.037

Protanomaly
89, 6.387, 278.096

Deuteranomaly
89, 9.840, 307.452

Tritanomaly
89, 9.357, 262.497

Monochromacy



Original Color
89, 7.627, 248.037

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 2.714, 249.796

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 7.627, 248.037 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(211, 226, 237)` looks like.

```
.text, #text, p{  
    color:rgb(211, 226, 237)  
}
```

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(211, 226, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 226, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 7.627, 248.037 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(211, 226, 237) }
```

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

```
.border{ border-color:rgb(211, 226, 237) }
```

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

Here you see how a box with a 4 pixel rgb(211, 226, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 226, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 226, 237);  
box-shadow:4px 4px 4px 4px rgb(211, 226,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 7.627, 248.037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 226, 237) }
```

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

```
.background{ background-color: rgb(211,  
226, 237) }
```

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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