

Converting Colors

CIELCh(90, 4.556, 259.822)

Have a look what the booklet for
CIELCh(90, 4.556, 259.822) contains.

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Color

CIELCh(90, 4.627, 263.591)

Conversions

Conversions Part 1

Format	Color
Hex	DDE3EB
RGB	221, 227, 235
RGB Percent	87%, 89%, 92%
CMY	0.1334, 0.1098, 0.0784
CMYK	0.06, 0.03, 0.00, 0.08
HSL	214°, 26%, 89%
HSV	214°, 6%, 92%
XYZ	72.2784, 76.3034, 89.5113
YIQ	226.1180, -6.1440, 1.2160

Conversions

Conversions Part 2

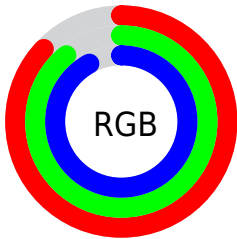
Format	Color
R _Y B	221, 225, 235
Decimal	14541803
CIE Lab	90.00, -0.52, -4.60
CIE LCh	90, 4.627, 263.591
Yxy	76.3034, 0.3036, 0.3205
Android (android.graphics.Color)	4292731883 (0xFFDDE3EB)
YUV	226.1180, 4.3788, -4.4885
Hunter-Lab	87.3518, -5.1676, 0.3905

Details

The CIELCh color `90, 4.627, 263.591` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `91, 4.649, 81.885`, and the grayscale version is `90, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `70, 4.385, 260.472` is the 20% darker color. If you saturate the color by 10%, you get `85, 12.393, 265.006`, and if you desaturate by 10%, it is `95, 3.116, 82.107`.

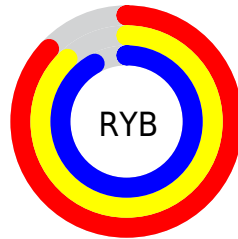
Distribution



Red (87%)

Green (89%)

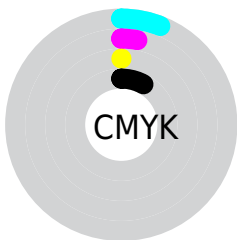
Blue (92%)



Red (87%)

Yellow (88%)

Blue (92%)

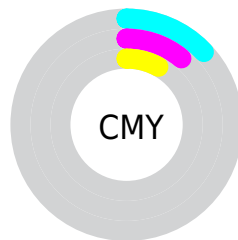


Cyan (6%)

Magenta (3%)

Yellow (0%)

Black (8%)



Cyan (13%)

Magenta (11%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 4.627, 263.591 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, 4.627, 263.591 by changing the saturation by 10% instead.

■ 90, 4.627, 263.591

■ 90, 4.627, 263.591

■ 100, 4.627,
263.591

■ 80, 4.627, 263.591

■ 70, 4.627, 263.591

■ 60, 4.627, 263.591

■ 50, 4.627, 263.591

■ 40, 4.627, 263.591

■ 30, 4.627, 263.591

■ 20, 4.627, 263.591

■ 10, 4.627, 263.591

■ 0, 4.627, 263.591

90, 4.627, 263.591

90, 4.627, 263.591

85, 12.393,
265.006

95, 3.116, 82.107

80, 20.169,
266.745

99, 9.553, 106.955

75, 27.945,
268.804

100, 10.126,
109.411

70, 35.717,
271.234

65, 43.500,
274.081

60, 51.334,
277.371

56, 59.283,
281.086

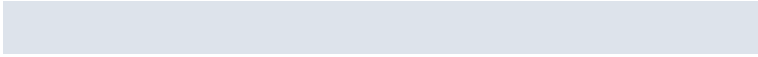
51, 67.417,
285.134

■ 48,75.770,
289.334

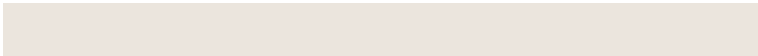
Harmonies

Complementary

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



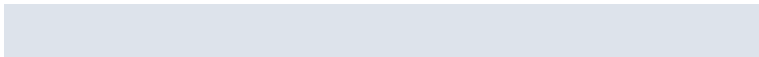
90, 4.627, 263.591



91, 4.649, 81.885

Rectangle

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



90, 4.627, 263.591



90, 4.627, 313.591



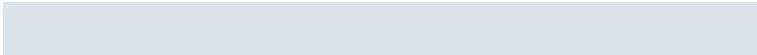
90, 4.627, 83.591



90, 4.627, 133.591

Sweetspot

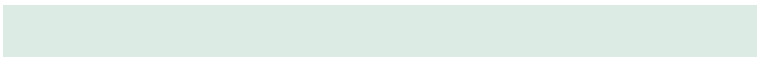
The Sweet Spot groups the original color and five complimentary colors.



90, 4.626, 263.567



99, 1.664, 263.190



92, 5.894, 166.972



53, 0.946, 263.189



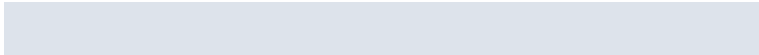
0, 0.000, 0.000



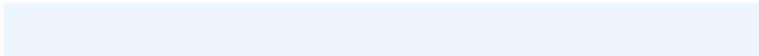
53, 0.007, 296.813

Same Dimension

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



90, 4.626, 263.567



96, 5.806, 263.703



89, 7.322, 293.339



47, 3.523, 263.775



35, 64.012, 290.229



8, 23.295, 282.756

Inverse Universe

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



89, 5.947, 348.115



95, 7.477, 348.226



93, 7.210, 112.284



47, 4.540, 348.280



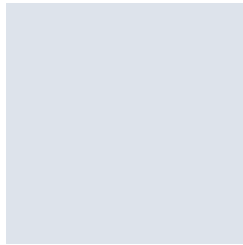
39, 65.336, 8.787



8, 28.087, 0.732

Previews

White Background



This preview shows how the CIELCh color 90, 4.627, 263.591 looks on a white background.

Color Contrast Check

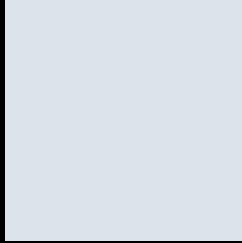
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 90, 4.627, 263.591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

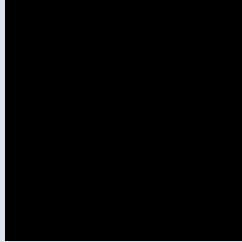
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

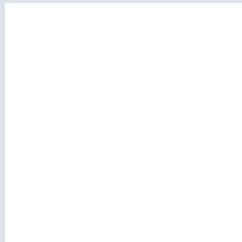
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 4.627, 263.591

Background



This preview shows how black text looks on a background with the CIELCh color 90, 4.627, 263.591.

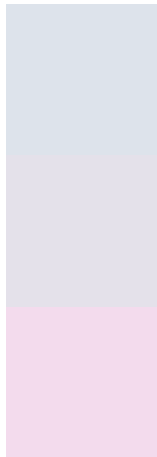


This preview shows how white text looks on a background with the CIELCh color 90, 4.627, 263.591.

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

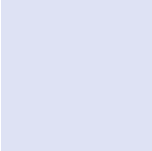
90, 4.627, 263.591

Protanopia

90, 4.818, 303.243

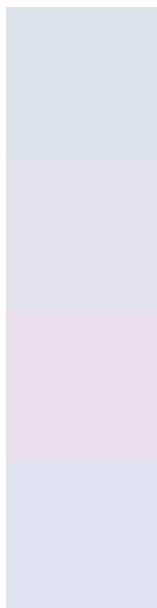
Deuteranopia

90, 12.711, 332.957



Tritanopia
90, 9.434, 282.559

Trichromacy



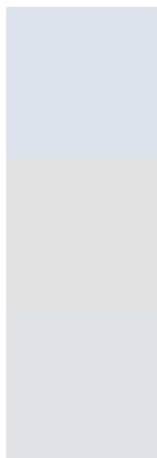
Original Color
90, 4.627, 263.591

Protanomaly
90, 4.173, 285.702

Deuteranomaly
90, 8.661, 322.778

Tritanomaly
90, 7.897, 280.732

Monochromacy



Original Color
90, 4.627, 263.591

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 1.711, 265.881

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 4.627, 263.591 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(221, 227, 235)` looks like.

```
.text, #text, p{  
    color:rgb(221, 227, 235)  
}
```

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(221, 227, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 227, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 4.627, 263.591 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(221, 227, 235) }
```

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

```
.border{ border-color:rgb(221, 227, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 227, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 227, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 227, 235);  
box-shadow:4px 4px 4px 4px rgb(221, 227,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 4.627, 263.591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 227, 235) }
```

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

```
.background{ background-color: rgb(221,  
227, 235) }
```

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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