

Converting Colors

CIELCh(90, 6.137, 221.835)

Have a look what the booklet for
CIELCh(90, 6.137, 221.835) contains.

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Color

CIELCh(90, 6.083, 224.496)

Conversions

Conversions Part 1

Format	Color
Hex	D5E5EA
RGB	213, 229, 234
RGB Percent	84%, 90%, 92%
CMY	0.1638, 0.1010, 0.0814
CMYK	0.09, 0.02, 0.00, 0.08
HSL	194°, 34%, 88%
HSV	194°, 9%, 92%
XYZ	70.4774, 76.3034, 89.0323
YIQ	224.7860, -11.1410, -1.8370

Conversions

Conversions Part 2

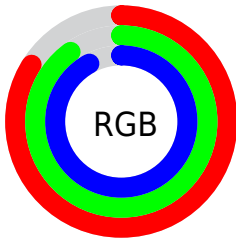
Format	Color
R _Y B	213, 222, 234
Decimal	14018026
CIE Lab	90.00, -4.34, -4.26
CIE LCh	90, 6.083, 224.496
Yxy	76.3034, 0.2989, 0.3236
Android (android.graphics.Color)	4292208106 (0xFFD5E5EA)
YUV	224.7860, 4.5425, -10.3363
Hunter-Lab	87.3518, -8.8478, 0.7156

Details

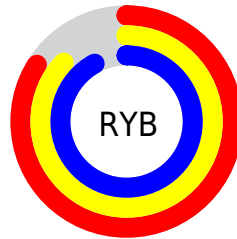
The CIELCh color $90, 6.083, 224.496$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $88, 6.418, 43.536$, and the grayscale version is $90, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $70, 6.167, 219.886$ is the 20% darker color. If you saturate the color by 10%, you get $87, 12.533, 225.057$, and if you desaturate by 10%, it is $93, 0.713, 43.077$.

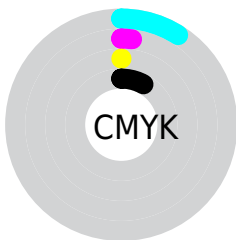
Distribution



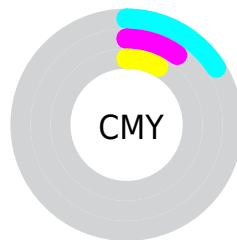
- Red (84%)
- Green (90%)
- Blue (92%)



- Red (84%)
- Yellow (87%)
- Blue (92%)



- Cyan (9%)
- Magenta (2%)
- Yellow (0%)
- Black (8%)



- Cyan (16%)
- Magenta (10%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 6.083, 224.496 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, 6.083, 224.496 by changing the saturation by 10% instead.

■ 90, 6.083, 224.496

■ 90, 6.083, 224.496

■ 100, 6.083,
224.496

■ 80, 6.083, 224.496

■ 70, 6.083, 224.496

■ 60, 6.083, 224.496

■ 50, 6.083, 224.496

■ 40, 6.083, 224.496

■ 30, 6.083, 224.496

■ 20, 6.083, 224.496

■ 10, 6.083, 224.496

■ 0, 6.083, 224.496

90, 6.083, 224.496

90, 6.083, 224.496

87, 12.533,
225.057

93, 0.713, 43.077

84, 18.547,
225.892

96, 6.117, 50.462

81, 24.026,
227.014

97, 6.781, 80.984

79, 28.873,
228.489

99, 8.854, 101.394

100, 10.510,
109.382

76, 33.007,
230.400

74, 36.375,
232.840

72, 38.983,
235.899

70, 40.912,
239.643

■ 68, 42.370,
244.021

Harmonies

Complementary

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



90, 6.083, 224.496



88, 6.418, 43.536

Rectangle

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



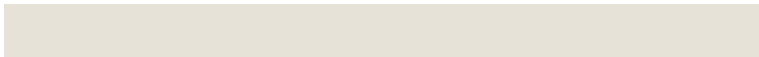
90, 6.083, 224.496



90, 6.083, 274.496



90, 6.083, 44.496



90, 6.083, 94.496

Sweetspot

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



90, 6.083, 224.476



99, 2.212, 224.374



91, 11.286, 151.154



53, 1.673, 224.349



0, 0.000, 0.000



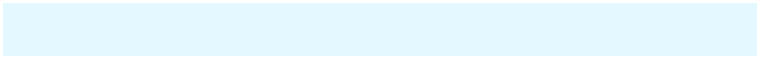
53, 0.007, 296.813

Same Dimension

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



90, 6.083, 224.476



96, 7.955, 224.574



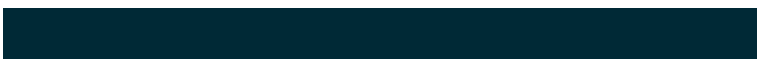
87, 8.253, 277.249



48, 3.854, 224.498



54, 34.925, 243.651



15, 14.570, 236.191

Inverse Universe

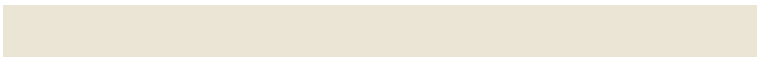
The Inverse Universe completely reimagines the original color for something new.



87, 11.290, 332.437



93, 14.860, 332.581



91, 8.202, 94.996



46, 7.165, 332.472



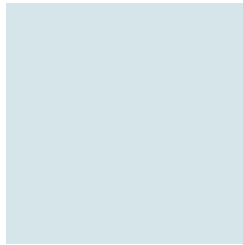
41, 74.458, 340.534



8, 32.699, 338.331

Previews

White Background



This preview shows how the CIELCh color 90, 6.083, 224.496 looks on a white background.

Color Contrast Check

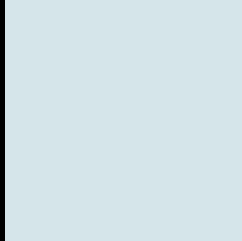
Large Text (above 18pt) WCAG AA × Fail

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, 6.083, 224.496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

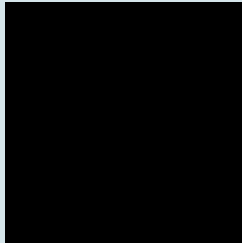
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

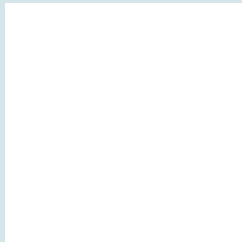
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 6.083, 224.496

Background



This preview shows how black text looks on a background with the CIELCh color 90, 6.083, 224.496.

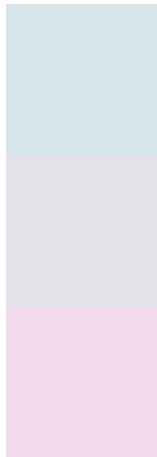


This preview shows how white text looks on a background with the CIELCh color 90, 6.083, 224.496.

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, 6.083, 224.496

Protanopia

90, 3.812, 306.650

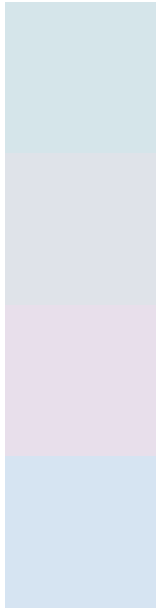
Deuteranopia

90, 12.339, 334.595



Tritanopia
90, 10.601, 268.350

Trichromacy



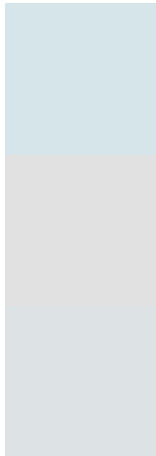
Original Color
90, 6.083, 224.496

Protanomaly
90, 3.404, 266.066

Deuteranomaly
90, 7.046, 317.481

Tritanomaly
90, 8.622, 257.012

Monochromacy



Original Color
90, 6.083, 224.496

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 2.179, 213.348

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 6.083, 224.496 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(213, 229, 234)` looks like.

```
.text, #text, p{  
    color:rgb(213, 229, 234)  
}
```

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(213, 229, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 229, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 6.083, 224.496 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(213, 229, 234) }
```

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

```
.border{ border-color:rgb(213, 229, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 229, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 229, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 229, 234);  
box-shadow:4px 4px 4px 4px rgb(213, 229,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 6.083, 224.496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 229, 234) }
```

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

```
.background{ background-color: rgb(213,  
229, 234) }
```

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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