

Converting Colors

CIELCh(90, 9.264, 240.982)

Have a look what the booklet for
CIELCh(90, 9.264, 240.982) contains.

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Color

CIELCh(90, 9.051, 238.348)

Conversions

Conversions Part 1

Format	Color
Hex	D1E6F1
RGB	209, 230, 241
RGB Percent	82%, 90%, 95%
CMY	0.1814, 0.0990, 0.0559
CMYK	0.13, 0.05, 0.00, 0.06
HSL	201°, 53%, 88%
HSV	201°, 13%, 94%
XYZ	70.2857, 76.3034, 94.0381
YIQ	224.9750, -16.0470, -1.0310

Conversions

Conversions Part 2

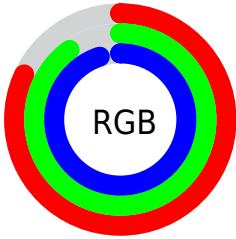
Format	Color
R _Y B	209, 222, 241
Decimal	13756145
CIE Lab	90.00, -4.75, -7.70
CIE LCh	90, 9.051, 238.348
Yxy	76.3034, 0.2921, 0.3171
Android (android.graphics.Color)	4291946225 (0xFFD1E6F1)
YUV	224.9750, 7.9003, -14.0101
Hunter-Lab	87.3518, -9.2394, -2.6821

Details

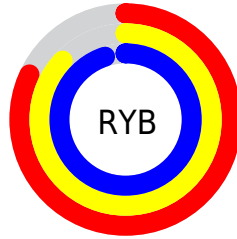
The CIELCh color `90, 9.051, 238.348` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `89, 9.674, 55.823`, and the grayscale version is `89, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `70, 9.124, 235.941` is the 20% darker color. If you saturate the color by 10%, you get `86, 15.532, 239.568`, and if you desaturate by 10%, it is `94, 2.283, 237.504`.

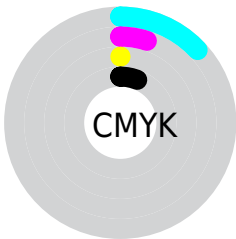
Distribution



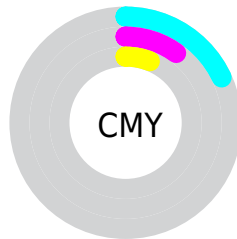
- Red (82%)
- Green (90%)
- Blue (95%)



- Red (82%)
- Yellow (87%)
- Blue (95%)



- Cyan (13%)
- Magenta (5%)
- Yellow (0%)
- Black (6%)



- Cyan (18%)
- Magenta (10%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 9.051, 238.348 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, 9.051, 238.348 by changing the saturation by 10% instead.

90, 9.051, 238.348

90, 9.051, 238.348

100, 9.051,
238.348

80, 9.051, 238.348

70, 9.051, 238.348

60, 9.051, 238.348

50, 9.051, 238.348

40, 9.051, 238.348

30, 9.051, 238.348

20, 9.051, 238.348

10, 9.051, 238.348

0, 9.051, 238.348

90, 9.051, 238.348

90, 9.051, 238.348

86, 15.532,
239.568

94, 2.283, 237.504

83, 21.658,
241.126

98, 4.179, 61.917

79, 27.358,
243.075

100, 7.000,
108.372

76, 32.572,
245.496

100, 7.218,
109.627

73, 37.269,
248.478

70, 41.462,
252.097

67, 45.233,
256.383

64, 48.740,
261.281

■ 62, 51.088,
264.742

Harmonies

Complementary

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



90, 9.051, 238.348



89, 9.674, 55.823

Rectangle

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



90, 9.051, 238.348



90, 9.051, 288.348



90, 9.051, 58.348



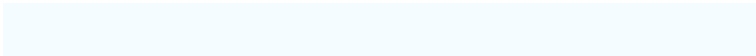
90, 9.051, 108.348

Sweetspot

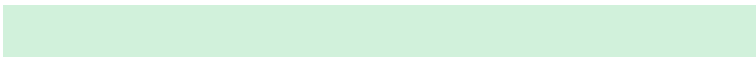
The Sweet Spot groups the original color and five complimentary colors.



90, 9.051, 238.335



98, 2.904, 237.527



92, 15.918, 154.697



52, 2.061, 237.566



0, 0.000, 0.000



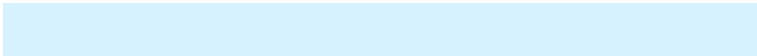
53, 0.007, 296.813

Same Dimension

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



90, 9.051, 238.335



94, 11.355, 238.645



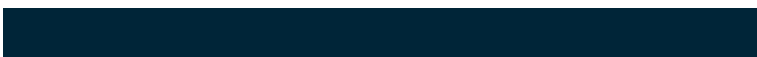
86, 14.077, 283.954



48, 3.884, 237.947



48, 41.240, 263.777



13, 16.592, 255.325

Inverse Universe

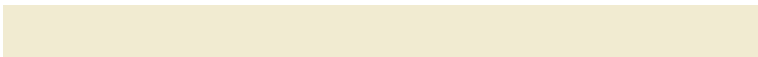
The Inverse Universe completely reimagines the original color for something new.



87, 15.920, 337.047



90, 20.122, 337.264



93, 13.822, 100.841



47, 6.763, 336.750



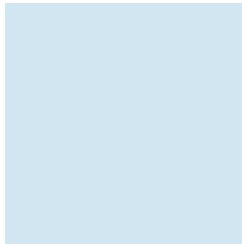
40, 70.262, 348.215



9, 31.570, 344.575

Previews

White Background



This preview shows how the CIELCh color 90, 9.051, 238.348 looks on a white background.

Color Contrast Check

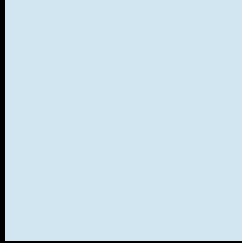
Large Text (above 18pt) WCAG AA × Fail

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, 9.051, 238.348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

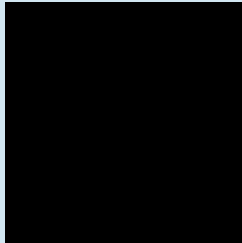
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

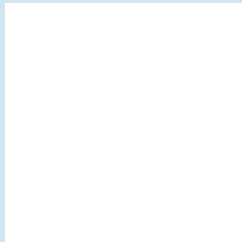
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 9.051, 238.348

Background



This preview shows how black text looks on a background with the CIELCh color 90, 9.051, 238.348.



This preview shows how white text looks on a background with the CIELCh color 90, 9.051, 238.348.

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](#).

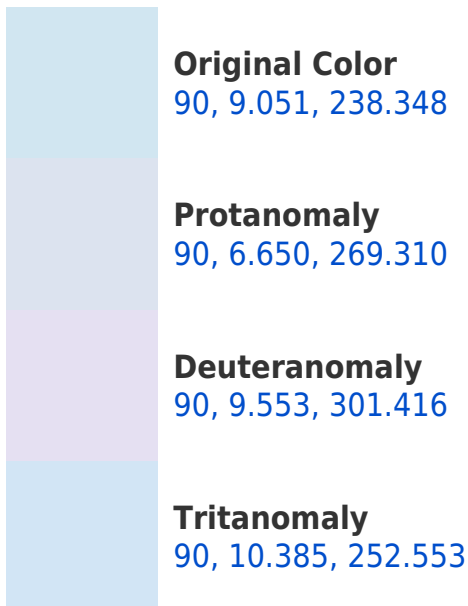
Dichromacy





Tritanopia
90, 11.201, 256.021

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 9.051, 238.348 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(209, 230, 241)` looks like.

```
.text, #text, p{  
    color:rgb(209, 230, 241)  
}
```

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(209, 230, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 230, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 9.051, 238.348 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(209, 230, 241) }
```

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

```
.border{ border-color:rgb(209, 230, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 230, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 230, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 230, 241);  
box-shadow:4px 4px 4px 4px rgb(209, 230,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 9.051, 238.348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 230, 241) }
```

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

```
.background{ background-color: rgb(209,  
230, 241) }
```

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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