

Converting Colors

CIELCh(90, 9.675, 248.813)

Have a look what the booklet for
CIELCh(90, 9.675, 248.813) contains.

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Color

CIELCh(90, 9.610, 248.524)

Conversions

Conversions Part 1

Format	Color
Hex	D2E5F3
RGB	210, 229, 243
RGB Percent	82%, 90%, 95%
CMY	0.1760, 0.1015, 0.0466
CMYK	0.14, 0.06, 0.00, 0.05
HSL	205°, 58%, 89%
HSV	205°, 14%, 95%
XYZ	70.8615, 76.3034, 95.8840
YIQ	224.9150, -15.8180, 0.3260

Conversions

Conversions Part 2

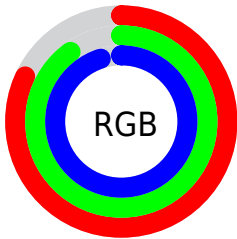
Format	Color
R _{YB}	210, 222, 243
Decimal	13821427
CIE Lab	90.00, -3.52, -8.94
CIE LCh	90, 9.610, 248.524
Yxy	76.3034, 0.2916, 0.3139
Android (android.graphics.Color)	4292011507 (0xFFD2E5F3)
YUV	224.9150, 8.9159, -13.0805
Hunter-Lab	87.3518, -8.0629, -3.9350

Details

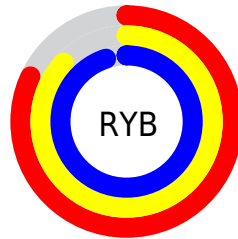
The CIELCh color `90, 9.610, 248.524` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `90, 10.115, 65.265`, and the grayscale version is `90, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `70, 9.650, 246.757` is the 20% darker color. If you saturate the color by 10%, you get `86, 16.468, 250.029`, and if you desaturate by 10%, it is `94, 2.562, 247.380`.

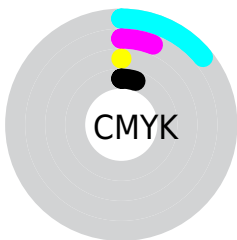
Distribution



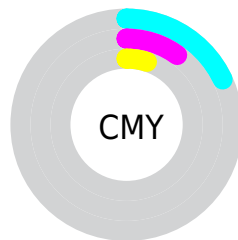
- Red (82%)
- Green (90%)
- Blue (95%)



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



- Cyan (14%)
- Magenta (6%)
- Yellow (0%)
- Black (5%)



- Cyan (18%)
- Magenta (10%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 9.610, 248.524 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, 9.610, 248.524 by changing the saturation by 10% instead.

■ 90, 9.610, 248.524

■ 90, 9.610, 248.524

■ 100, 9.610,
248.524

■ 80, 9.610, 248.524

■ 70, 9.610, 248.524

■ 60, 9.610, 248.524

■ 50, 9.610, 248.524

■ 40, 9.610, 248.524

■ 30, 9.610, 248.524

■ 20, 9.610, 248.524

■ 10, 9.610, 248.524

■ 0, 9.610, 248.524

90, 9.610, 248.524

90, 9.610, 248.524

86, 16.468,
250.029

94, 2.562, 247.380

82, 23.088,
251.886

98, 3.829, 80.738

77, 29.427,
254.144

100, 6.010,
109.716

73, 35.452,
256.877

70, 41.163,
260.153

66, 46.602,
264.011

63, 51.870,
268.430

59, 57.121,
273.293

■ 57, 60.589,
276.473

Harmonies

Complementary

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



90, 9.610, 248.524



90, 10.115, 65.265

Rectangle

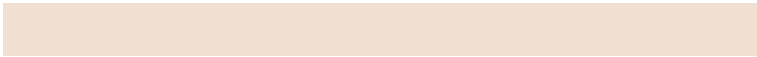
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



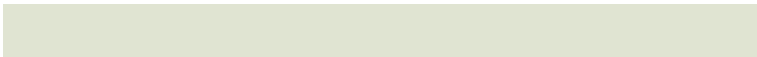
90, 9.610, 248.524



90, 9.610, 298.524



90, 9.610, 68.524



90, 9.610, 118.524

Sweetspot

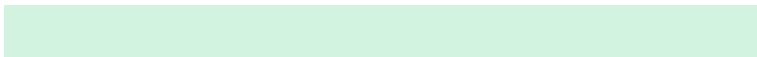
The Sweet Spot groups the original color and five complimentary colors.



90, 9.609, 248.512



98, 2.979, 247.410



93, 15.399, 158.356



52, 2.115, 247.472



0, 0.000, 0.000



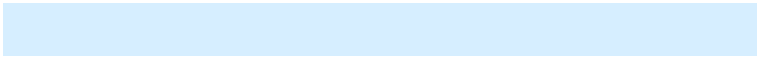
53, 0.007, 296.813

Same Dimension

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



90, 9.609, 248.512



93, 11.737, 248.857



86, 15.902, 288.152



49, 4.066, 247.985



44, 48.874, 275.582



12, 19.418, 267.728

Inverse Universe

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



87, 15.501, 340.830



90, 19.032, 341.045



94, 15.499, 105.181



48, 6.501, 340.481



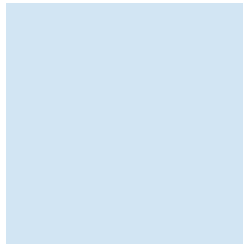
40, 68.297, 355.029



9, 31.142, 350.222

Previews

White Background



This preview shows how the CIELCh color 90, 9.610, 248.524 looks on a white background.

Color Contrast Check

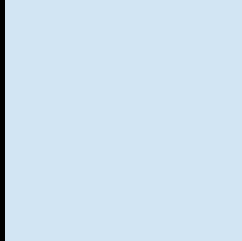
Large Text (above 18pt) WCAG AA × Fail

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, 9.610, 248.524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

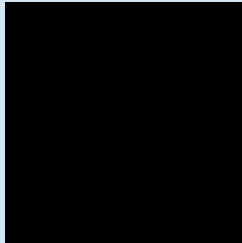
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

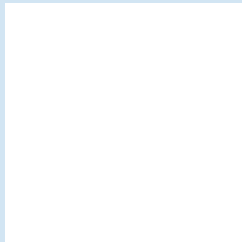
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 9.610, 248.524

Background



This preview shows how black text looks on a background with the CIELCh color 90, 9.610, 248.524.

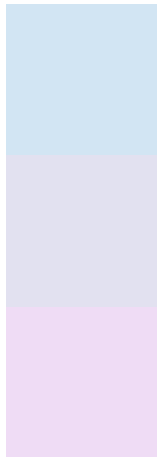


This preview shows how white text looks on a background with the CIELCh color 90, 9.610, 248.524.

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, 9.610, 248.524

Protanopia

90, 7.818, 293.367

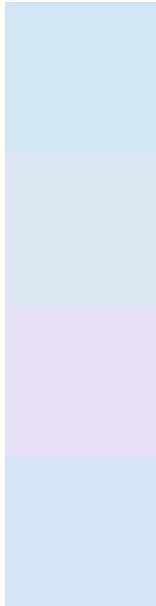
Deuteranopia

90, 14.674, 318.027



Tritanopia
90, 11.024, 257.458

Trichromacy



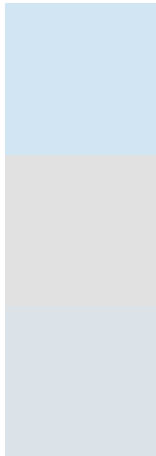
Original Color
90, 9.610, 248.524

Protanomaly
90, 7.623, 272.300

Deuteranomaly
90, 11.099, 300.025

Tritanomaly
90, 10.603, 255.820

Monochromacy



Original Color
90, 9.610, 248.524

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 3.549, 246.610

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 9.610, 248.524 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(210, 229, 243)` looks like.

```
.text, #text, p{  
    color:rgb(210, 229, 243)  
}
```

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(210, 229, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 229, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 9.610, 248.524 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(210, 229, 243) }
```

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

```
.border{ border-color:rgb(210, 229, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 229, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 229, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 229, 243);  
box-shadow:4px 4px 4px 4px rgb(210, 229,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 9.610, 248.524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 229, 243) }
```

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

```
.background{ background-color: rgb(210,  
229, 243) }
```

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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