

Converting Colors

CIELCh(90, 13.353, 263.780)

Have a look what the booklet for
CIELCh(90, 13.353, 263.780)
contains.

CIELCh(90, 13.244, 264.084)	3
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Color

CIELCh(90, 13.244, 264.084)

Conversions

Conversions Part 1

Format	Color
Hex	D2E4FB
RGB	210, 228, 251
RGB Percent	82%, 89%, 98%
CMY	0.1757, 0.1051, 0.0149
CMYK	0.16, 0.09, 0.00, 0.01
HSL	214°, 84%, 90%
HSV	214°, 16%, 99%
XYZ	71.8760, 76.3034, 102.3733
YIQ	225.2400, -18.1110, 3.3370

Conversions

Conversions Part 2

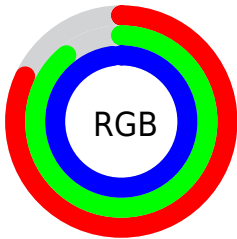
Format	Color
R _Y B	210, 223, 251
Decimal	13821179
CIE Lab	90.00, -1.37, -13.17
CIE LCh	90, 13.244, 264.084
Yxy	76.3034, 0.2869, 0.3045
Android (android.graphics.Color)	4292011259 (0xFFD2E4FB)
YUV	225.2400, 12.6997, -13.3655
Hunter-Lab	87.3518, -5.9899, -8.3396

Details

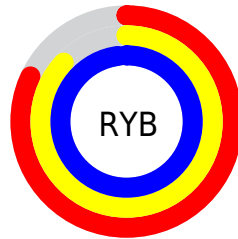
The CIELCh color `90, 13.244, 264.084` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `93, 13.599, 79.591`, and the grayscale version is `90, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `70, 12.923, 262.395` is the 20% darker color. If you saturate the color by 10%, you get `85, 21.347, 265.837`, and if you desaturate by 10%, it is `95, 5.133, 262.620`.

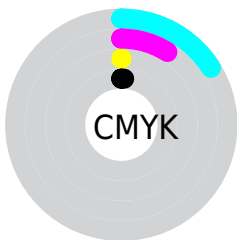
Distribution



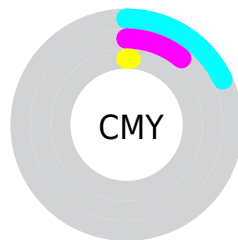
- Red (82%)
- Green (89%)
- Blue (98%)



- Red (82%)
- Yellow (87%)
- Blue (98%)



- Cyan (16%)
- Magenta (9%)
- Yellow (0%)
- Black (1%)



- Cyan (18%)
- Magenta (11%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 13.244, 264.084 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, 13.244, 264.084 by changing the saturation by 10% instead.

■ 90, 13.244,
264.084

■ 90, 13.244,
264.084

■ 100, 13.244,
264.084

■ 80, 13.244,
264.084

■ 70, 13.244,
264.084

■ 60, 13.244,
264.084

■ 50, 13.244,
264.084

■ 40, 13.244,
264.084

■ 30, 13.244,
264.084

■ 20, 13.244,

264.084

■ 10, 13.244,
264.084

■ 0, 13.244, 264.084

■ 90, 13.244,
264.084

■ 90, 13.244,
264.084

■ 85, 21.347,
265.837

■ 95, 5.133, 262.620

■ 79, 29.433,
267.924

100, 1.914,
109.995

■ 74, 37.494,
270.391

■ 69, 45.548,
273.287

■ 64, 53.634,
276.636

■ 60, 61.825,
280.420

■ 55, 70.200,
284.543

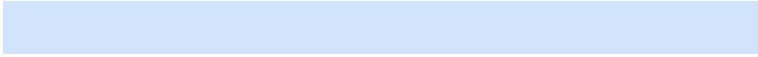
■ 51, 78.807,
288.818

■ 50, 82.035,
290.325

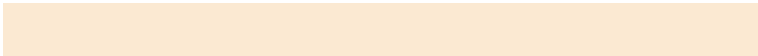
Harmonies

Complementary

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



90, 13.244, 264.084



93, 13.599, 79.591

Rectangle

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



90, 13.244, 264.084



90, 13.244, 314.084



90, 13.244, 84.084



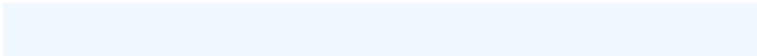
90, 13.244, 134.084

Sweetspot

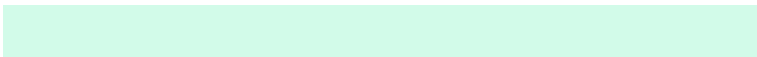
The Sweet Spot groups the original color and five complimentary colors.



90, 13.243, 264.077



97, 4.109, 262.459



95, 17.222, 164.989



52, 2.803, 262.543



0, 0.000, 0.000



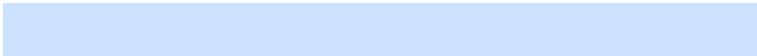
53, 0.007, 296.813

Same Dimension

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



90, 13.243, 264.077



89, 16.422, 264.692



86, 21.598, 293.794



49, 4.593, 263.046



38, 64.957, 289.552



10, 25.589, 283.170

Inverse Universe

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



88, 17.559, 348.554



87, 21.871, 348.944



98, 20.801, 110.684



49, 6.033, 347.866



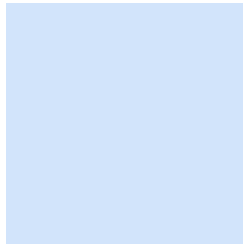
40, 67.342, 7.951



10, 30.624, 1.145

Previews

White Background



This preview shows how the CIE LCh color 90, 13.244, 264.084 looks on a white background.

Color Contrast Check

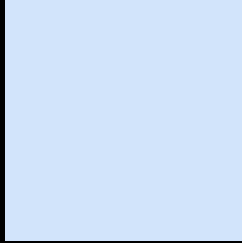
Large Text (above 18pt) WCAG AA × Fail

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, 13.244, 264.084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

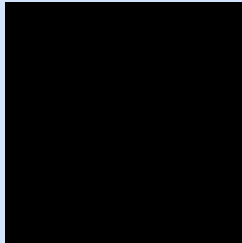
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

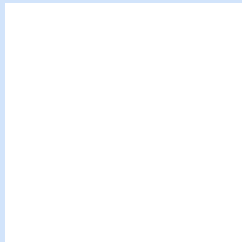
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 13.244, 264.084

Background



This preview shows how black text looks on a background with the CIELCh color 90, 13.244, 264.084.



This preview shows how white text looks on a background with the CIELCh color 90, 13.244, 264.084.

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

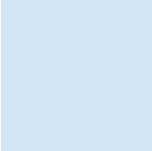
90, 13.244, 264.084

Protanopia

90, 12.488, 288.061

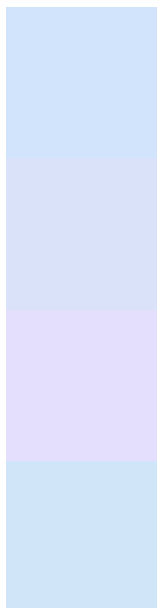
Deuteranopia

90, 18.116, 309.139



Tritanopia
90, 11.385, 254.632

Trichromacy



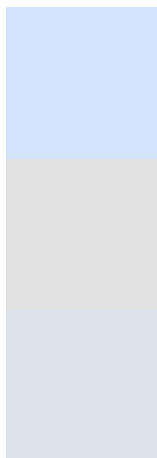
Original Color
90, 13.244, 264.084

Protanomaly
90, 12.711, 278.894

Deuteranomaly
90, 15.182, 296.536

Tritanomaly
90, 12.220, 257.690

Monochromacy



Original Color
90, 13.244, 264.084

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 5.097, 266.319

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 13.244, 264.084 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, 228, 251)` looks like.

```
.text, #text, p{  
    color:rgb(210, 228, 251)  
}
```

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, 228, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 228, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 13.244, 264.084 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, 228, 251) }
```

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

```
.border{ border-color:rgb(210, 228, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 228, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 228, 251); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 228, 251); box-shadow:4px 4px 4px 4px rgb(210, 228, 251) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 13.244, 264.084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 228, 251) }
```

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

```
.background{ background-color: rgb(210,  
228, 251) }
```

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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