

Converting Colors

CIELCh(88, 12.239, 258.088)

Have a look what the booklet for
CIELCh(88, 12.239, 258.088)
contains.

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Color

CIELCh(88, 12.274, 257.749)

Conversions

Conversions Part 1

Format	Color
Hex	CBDFE3
RGB	203, 223, 243
RGB Percent	80%, 87%, 95%
CMY	0.2033, 0.1248, 0.0464
CMYK	0.16, 0.08, 0.00, 0.05
HSL	210°, 63%, 88%
HSV	210°, 16%, 95%
XYZ	67.3089, 72.0653, 95.2901
YIQ	219.3000, -18.3400, 1.9800

Conversions

Conversions Part 2

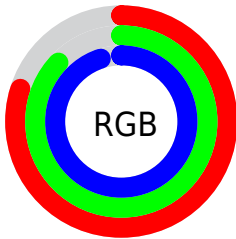
Format	Color
R_{YB}	203, 216, 243
Decimal	13361139
CIE _{Lab}	88.00, -2.60, -11.99
CIE _{LCh}	88, 12.274, 257.749
Yxy	72.0653, 0.2868, 0.3071
Android (android.graphics.Color)	4291551219 (0xFFC _B DFF3)
YUV	219.3000, 11.6841, -14.2951
Hunter-Lab	84.8913, -7.0299, -7.1289

Details

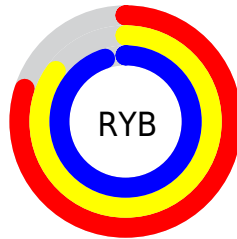
The CIELCh color `88, 12.274, 257.749` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `90, 12.808, 73.351`, and the grayscale version is `88, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `68, 12.223, 258.326` is the 20% darker color. If you saturate the color by 10%, you get `83, 19.613, 259.477`, and if you desaturate by 10%, it is `93, 4.839, 256.324`.

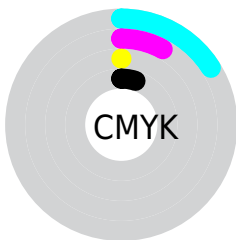
Distribution



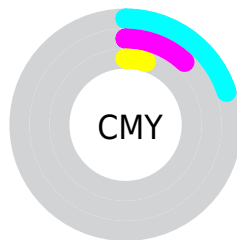
- Red (80%)
- Green (87%)
- Blue (95%)



- Red (80%)
- Yellow (85%)
- Blue (95%)



- Cyan (16%)
- Magenta (8%)
- Yellow (0%)
- Black (5%)



- Cyan (20%)
- Magenta (12%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 12.274, 257.749 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 88, 12.274, 257.749 by changing the saturation by 10% instead.


 88, 12.274,
257.749


 88, 12.274,
257.749


 100, 12.274,
257.749


 78, 12.274,
257.749

 68, 12.274,
257.749

 58, 12.274,
257.749

 48, 12.274,
257.749

 38, 12.274,
257.749

 28, 12.274,
257.749

 18, 12.274,

257.749

■ 8, 12.274, 257.749

■ 0, 12.274, 257.749

■ 88, 12.274,
257.749

■ 88, 12.274,
257.749

■ 83, 19.613,
259.477

■ 93, 4.839, 256.324

■ 79, 26.831,
261.556

■ 98, 2.658, 74.832

■ 74, 33.907,
264.037

■ 100, 5.987,
109.717

■ 69, 40.840,
266.978

■ 65, 47.662,

270.420

■ 61, 54.441,
274.359

■ 57, 61.284,
278.717

■ 53, 68.305,
283.319

■ 52, 70.871,
284.901

Harmonies

Complementary

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



88, 12.274, 257.749



90, 12.808, 73.351

Rectangle

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



88, 12.274, 257.749



88, 12.274, 307.749



88, 12.274, 77.749



88, 12.274, 127.749

Sweetspot

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



88, 12.273, 257.741



97, 3.902, 256.157



93, 17.758, 161.371



52, 2.661, 256.237



0, 0.000, 0.000



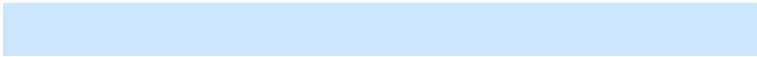
53, 0.007, 296.813

Same Dimension

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



88, 12.273, 257.741



90, 15.475, 258.330



83, 20.817, 291.348



49, 4.279, 256.716



40, 57.035, 284.091



11, 22.166, 276.798

Inverse Universe

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



86, 17.909, 345.058



87, 22.705, 345.412



95, 20.067, 107.887



48, 6.172, 344.402



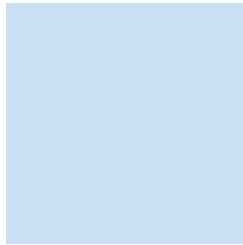
40, 66.897, 2.019



9, 30.257, 355.896

Previews

White Background



This preview shows how the CIE LCh color 88, 12.274, 257.749 looks on a white background.

Color Contrast Check

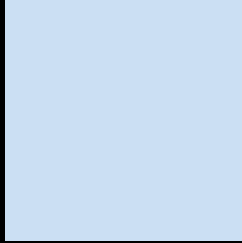
Large Text (above 18pt) WCAG AA × Fail

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 88, 12.274, 257.749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

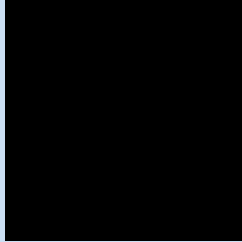
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

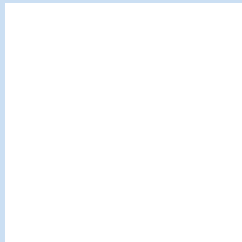
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 12.274, 257.749

Background



This preview shows how black text looks on a background with the CIELCh color 88, 12.274, 257.749.



This preview shows how white text looks on a background with the CIELCh color 88, 12.274, 257.749.

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
88, 12.274, 257.749

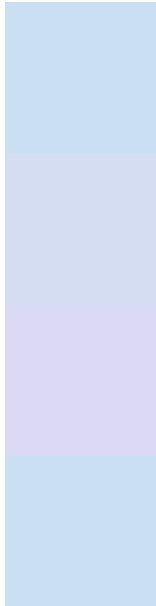
Protanopia
88, 11.500, 289.416

Deuteranopia
88, 17.218, 310.192



Tritanopia
88, 11.435, 254.687

Trichromacy



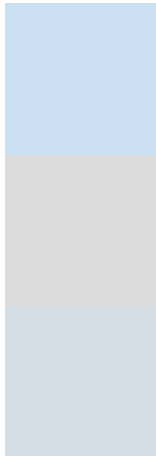
Original Color
88, 12.274, 257.749

Protanomaly
88, 11.245, 277.027

Deuteranomaly
88, 14.186, 295.496

Tritanomaly
88, 11.850, 256.270

Monochromacy



Original Color
88, 12.274, 257.749

Achromatopsia
87, 0.010, 296.813

Achromatomaly
88, 4.572, 252.626

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 12.274, 257.749 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(203, 223, 243)` looks like.

```
.text, #text, p{  
    color:rgb(203, 223, 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(203, 223, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 223, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 12.274, 257.749 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(203, 223, 243) }
```

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

```
.border{ border-color:rgb(203, 223, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 223, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 223, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 223, 243);  
box-shadow:4px 4px 4px 4px rgb(203, 223,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 12.274, 257.749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 223, 243) }
```

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

```
.background{ background-color: rgb(203,  
223, 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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