

Converting Colors

CIELCh(84, 13.363, 246.935)

Have a look what the booklet for
CIELCh(84, 13.363, 246.935)
contains.

CIELCh(84, 13.316, 248.037)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(84, 13.316, 248.037)

Conversions

Conversions Part 1

Format	Color
Hex	BAD5E8
RGB	186, 213, 232
RGB Percent	73%, 84%, 91%
CMY	0.2694, 0.1635, 0.0890
CMYK	0.20, 0.08, 0.00, 0.09
HSL	205°, 50%, 82%
HSV	205°, 20%, 91%
XYZ	58.8062, 64.0658, 85.8456
YIQ	207.0930, -22.1910, 0.1850

Conversions

Conversions Part 2

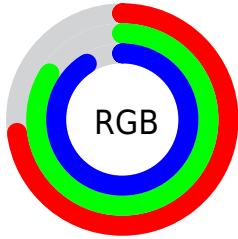
Format	Color
RYB	186, 203, 232
Decimal	12244456
CIELab	84.00, -4.98, -12.35
CIELCh	84, 13.316, 248.037
Yxy	64.0658, 0.2818, 0.3069
Android (android.graphics.Color)	4290434536 (0xFFBAD5E8)
YUV	207.0930, 12.2792, -18.4986
Hunter-Lab	80.0411, -8.9280, -7.5609

Details

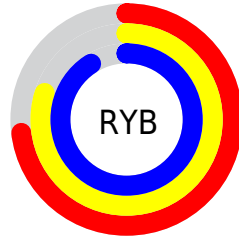
The CIELCh color `84, 13.316, 248.037` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `84, 14.447, 63.342`, and the grayscale version is `83, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 4.141, 199.303`, and `64, 13.283, 248.293` is the 20% darker color. If you saturate the color by 10%, you get `80, 19.722, 249.717`, and if you desaturate by 10%, it is `88, 6.682, 246.667`.

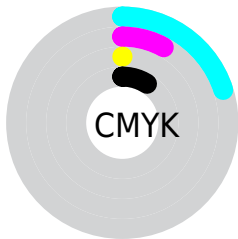
Distribution



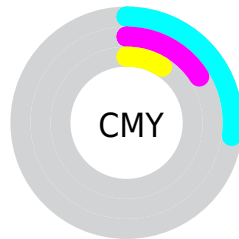
- Red (73%)
- Green (84%)
- Blue (91%)



- Red (73%)
- Yellow (80%)
- Blue (91%)



- Cyan (20%)
- Magenta (8%)
- Yellow (0%)
- Black (9%)





- Cyan (27%)
- Magenta (16%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 13.316, 248.037 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 84, 13.316, 248.037 by changing the saturation by 10% instead.


 84, 13.316,
248.037


 84, 13.316,
248.037


 100, 13.316,
248.037


 74, 13.316,
248.037

 64, 13.316,
248.037

 54, 13.316,
248.037

 44, 13.316,
248.037

 34, 13.316,
248.037

 24, 13.316,
248.037

 14, 13.316,

248.037

■ 4, 13.316, 248.037

■ 0, 13.316, 248.037

■ 84, 13.316,
248.037

■ 84, 13.316,
248.037

■ 80, 19.722,
249.717

■ 88, 6.682, 246.667

■ 76, 25.853,
251.777

■ 92, 0.128, 61.625

■ 72, 31.670,
254.284

■ 96, 6.814, 66.569

■ 69, 37.155,
257.310

■ 99, 9.893, 102.490

■ 65, 42.326,

■ 99, 11.481,
109.309

260.914

■ 62, 47.256,
265.109

■ 59, 52.077,
269.826

■ 56, 56.979,
274.806

■ 56, 57.078,
274.899

Harmonies

Complementary

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



84, 13.316, 248.037



84, 14.447, 63.342

Rectangle

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



84, 13.316, 248.037



84, 13.316, 298.037



84, 13.316, 68.037



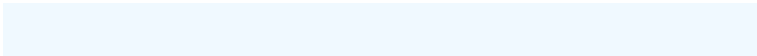
84, 13.316, 118.037

Sweetspot

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



84, 13.315, 248.030



97, 4.432, 246.250



88, 21.934, 157.023



52, 2.937, 246.317



0, 0.000, 0.000



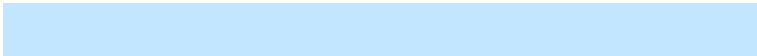
53, 0.007, 296.813

Same Dimension

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



84, 13.315, 248.030



89, 17.288, 248.716



78, 22.205, 288.211



47, 3.904, 246.628



44, 46.721, 274.027



11, 17.762, 265.189

Inverse Universe

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



80, 22.068, 340.820



85, 28.904, 341.210



90, 21.426, 103.704



46, 6.326, 339.935



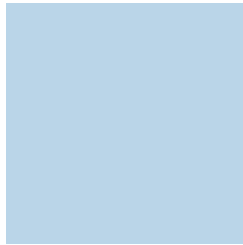
39, 67.219, 353.974



8, 29.632, 348.907

Previews

White Background



This preview shows how the CIELCh color 84, 13.316, 248.037 looks on a white background.

Color Contrast Check

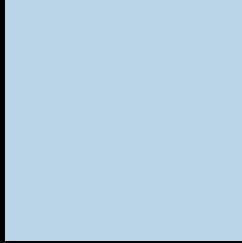
Large Text (above 18pt) WCAG AA × Fail

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 84, 13.316, 248.037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

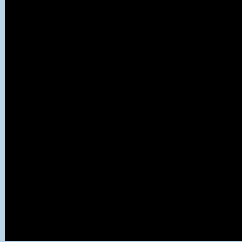
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

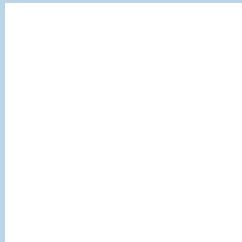
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 13.316, 248.037

Background



This preview shows how black text looks on a background with the CIELCh color 84, 13.316, 248.037.



This preview shows how white text looks on a background with the CIELCh color 84, 13.316, 248.037.

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](#).

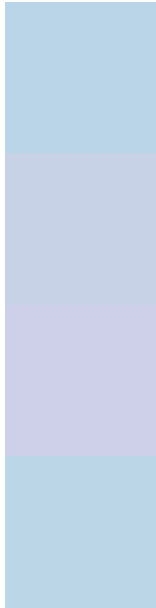
Dichromacy





Tritanopia
84, 12.816, 243.508

Trichromacy



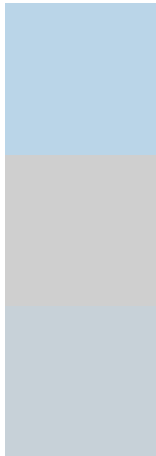
Original Color
84, 13.316, 248.037

Protanomaly
84, 11.122, 271.236

Deuteranomaly
84, 13.731, 289.922

Tritanomaly
84, 12.816, 243.508

Monochromacy



Original Color
84, 13.316, 248.037

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 5.066, 246.289

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 13.316, 248.037 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(186, 213, 232)` looks like.

```
.text, #text, p{  
    color:rgb(186, 213, 232)  
}
```

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(186, 213, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 213, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 13.316, 248.037 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(186, 213, 232) }
```

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

```
.border{ border-color:rgb(186, 213, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 213, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 213, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 213, 232);  
box-shadow:4px 4px 4px 4px rgb(186, 213,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 13.316, 248.037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 213, 232) }
```

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

```
.background{ background-color: rgb(186,  
213, 232) }
```

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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