

Converting Colors

CIELCh(84, 2.721, 349.331)

Have a look what the booklet for
CIELCh(84, 2.721, 349.331) contains.

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Color

CIELCh(84, 2.436, 353.746)

Conversions

Conversions Part 1

Format	Color
Hex	D6D0D2
RGB	214, 208, 210
RGB Percent	84%, 82%, 82%
CMY	0.1608, 0.1843, 0.1764
CMYK	0.00, 0.03, 0.02, 0.16
HSL	340°, 7%, 83%
HSV	340°, 3%, 84%
XYZ	61.9246, 64.0658, 70.0793
YIQ	210.0220, 2.9340, 1.8940

Conversions

Conversions Part 2

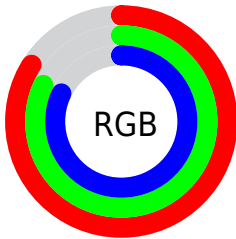
Format	Color
R_{YB}	214, 208, 210
Decimal	14078162
CIE Lab	84.00, 2.42, -0.27
CIE LCh	84, 2.436, 353.746
Yxy	64.0658, 0.3158, 0.3267
Android (android.graphics.Color)	4292268242 (0xFFD6D0D2)
YUV	210.0220, -0.0108, 3.4887
Hunter-Lab	80.0411, -1.9735, 4.1179

Details

The CIELCh color `84, 2.436, 353.746` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `85, 2.407, 173.670`, and the grayscale version is `84, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `64, 2.234, 349.519` is the 20% darker color. If you saturate the color by 10%, you get `78, 11.323, 354.909`, and if you desaturate by 10%, it is `90, 6.103, 173.190`.

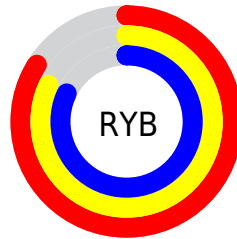
Distribution



Red (84%)

Green (82%)

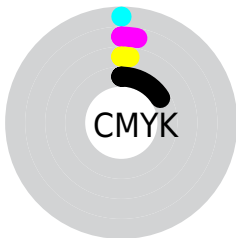
Blue (82%)



Red (84%)

Yellow (82%)

Blue (82%)

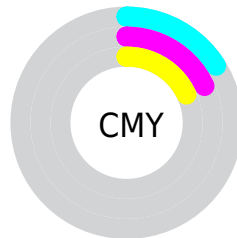


Cyan (0%)

Magenta (3%)

Yellow (2%)

Black (16%)



Cyan (16%)

Magenta (18%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 2.436, 353.746 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, 2.436, 353.746 by changing the saturation by 10% instead.

■ 84, 2.436, 353.746

■ 84, 2.436, 353.746

100, 2.436,
353.746

■ 74, 2.436, 353.746

■ 64, 2.436, 353.746

■ 54, 2.436, 353.746

■ 44, 2.436, 353.746

■ 34, 2.436, 353.746

■ 24, 2.436, 353.746

■ 14, 2.436, 353.746

■ 4, 2.436, 353.746

■ 0, 2.436, 353.746

84, 2.436, 353.746

84, 2.436, 353.746

78, 11.323,
354.909

90, 6.103, 173.190

73, 20.509,
356.052

96, 14.270,
172.372

67, 29.877,
357.374

97, 13.854,
193.975

62, 39.227,
358.947

97, 13.729,
198.590

58, 48.260, 0.863

53, 56.576, 3.248

50, 63.735, 6.265

48, 69.396, 10.089

46, 73.514, 14.847

Harmonies

Complementary

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



84, 2.436, 353.746



85, 2.407, 173.670

Rectangle

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



84, 2.436, 353.746



84, 2.436, 43.746



84, 2.436, 173.746



84, 2.436, 223.746

Sweetspot

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



84, 2.434, 353.772



99, 1.002, 353.253



84, 3.498, 314.733



53, 0.570, 353.219



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, 2.434, 353.772



98, 3.006, 353.809



84, 1.889, 35.364



44, 1.977, 353.913



36, 63.938, 17.725



5, 22.396, 4.504

Inverse Universe

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



84, 2.434, 353.772



98, 3.006, 353.809



85, 1.859, 216.019



44, 1.977, 353.913



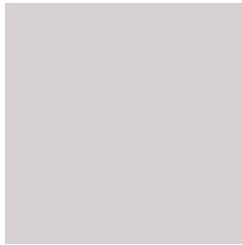
36, 63.938, 17.725



5, 22.396, 4.504

Previews

White Background



This preview shows how the CIELCh color 84, 2.436, 353.746 looks on a white background.

Color Contrast Check

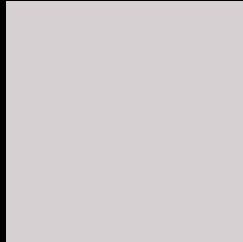
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 84, 2.436, 353.746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

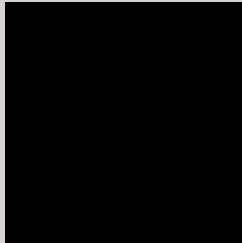
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

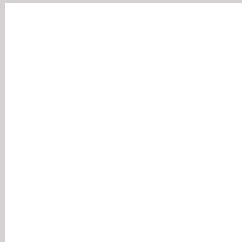
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 2.436, 353.746

Background



This preview shows how black text looks on a background with the CIELCh color 84, 2.436, 353.746.

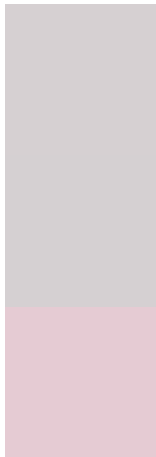


This preview shows how white text looks on a background with the CIELCh color 84, 2.436, 353.746.

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

84, 2.436, 353.746

Protanopia

84, 2.115, 349.402

Deuteranopia

84, 10.447, 356.476



Tritanopia
84, 9.211, 313.592

Trichromacy



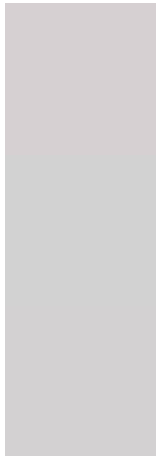
Original Color
84, 2.436, 353.746

Protanomaly
84, 2.115, 349.402

Deuteranomaly
84, 7.654, 355.610

Tritanomaly
84, 6.510, 316.771

Monochromacy



Original Color
84, 2.436, 353.746

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 0.908, 343.263

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 2.436, 353.746 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(214, 208, 210)` looks like.

```
.text, #text, p{  
    color:rgb(214, 208, 210)  
}
```

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(214, 208, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 208, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 2.436, 353.746 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(214, 208, 210) }
```

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

```
.border{ border-color:rgb(214, 208, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 208, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 208, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 208, 210);  
box-shadow:4px 4px 4px 4px rgb(214, 208,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 2.436, 353.746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 208, 210) }
```

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

```
.background{ background-color: rgb(214,  
208, 210) }
```

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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