

# Converting Colors

CIELCh(65, 34.352, 325.047)

Have a look what the booklet for  
CIELCh(65, 34.352, 325.047)  
contains.

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**Color**

**CIELCh(65, 34.170, 325.347)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C08DC1
RGB	192, 141, 193
RGB Percent	75%, 55%, 76%
CMY	0.2476, 0.4475, 0.2436
CMYK	0.01, 0.27, 0.00, 0.24
HSL	299°, 29%, 65%
HSV	299°, 27%, 76%
XYZ	40.8229, 34.0472, 54.7965
YIQ	162.1770, 13.7040, 26.9840

# Conversions

## Conversions Part 2

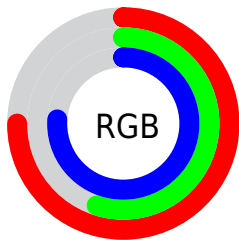
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	192, 141, 193
Decimal	12619201
CIE <sub>Lab</sub>	65.00, 28.11, -19.43
CIE <sub>LCh</sub>	65, 34.170, 325.347
Yxy	34.0472, 0.3148, 0.2626
Android (android.graphics.Color)	4290809281 (0xFFC08DC1)
YUV	162.1770, 15.1957, 26.1548
Hunter-Lab	58.3500, 22.7702, -14.8343

# Details

The CIELCh color  $65, 34.170, 325.347$  is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be  $73, 34.130, 142.160$ , and the grayscale version is  $67, 0.008, 296.813$ .

A 20% lighter version of the original color is  $85, 34.446, 325.136$ , and  $45, 34.083, 325.690$  is the 20% darker color. If you saturate the color by 10%, you get  $61, 46.591, 325.851$ , and if you desaturate by 10%, it is  $70, 21.476, 324.819$ .

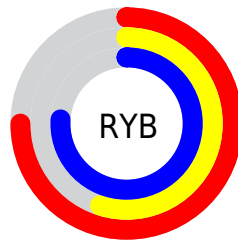
# Distribution



Red (75%)

Green (55%)

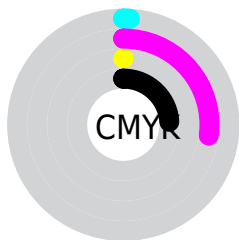
Blue (76%)



Red (75%)

Yellow (55%)

Blue (76%)

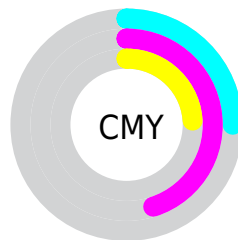


Cyan (1%)

Magenta (27%)

Yellow (0%)

Black (24%)



Cyan (25%)

Magenta (45%)


Yellow (24%)


# Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 34.170, 325.347 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 65, 34.170, 325.347 by changing the saturation by 10% instead.





 65, 34.170,  
325.347


 65, 34.170,  
325.347


 100, 34.170,  
325.347


 55, 34.170,  
325.347


 85, 34.170,  
325.347

 45, 34.170,  
325.347

 95, 34.170,  
325.347

 35, 34.170,  
325.347

 25, 34.170,  
325.347

 15, 34.170,  
325.347

 5, 34.170, 325.347

 0, 34.170, 325.347

65, 34.170,  
325.347

65, 34.170,  
325.347

61, 46.591,  
325.851

70, 21.476,  
324.819

57, 58.401,  
326.316

75, 8.766, 324.271

80, 3.790, 143.837

53, 69.164,  
326.723

85, 16.082,  
143.272

50, 78.390,  
327.054

90, 28.048,  
142.770

48, 85.617,  
327.293

95, 38.699,  
142.322

46, 90.530,  
327.429


95, 38.624,  
142.176

45, 93.153,  
327.467

95, 38.549,  
142.028

45, 93.749,

327.471

 95, 38.474,  
141.881

# Harmonies

# Complementary

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



65, 34.170, 325.347



73, 34.130, 142.160

# Rectangle

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



65, 34.170, 325.347



65, 34.170, 15.347



65, 34.170, 145.347



65, 34.170, 195.347

# Sweetspot

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



65, 34.168, 325.347



93, 12.451, 324.337



61, 28.340, 292.095



49, 8.855, 324.422



99, 0.012, 296.813



52, 0.007, 296.813





# Same Dimension

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



65, 34.168, 325.347



79, 49.951, 325.631



64, 25.018, 344.247



38, 7.182, 324.406



37, 81.873, 327.481



4, 23.976, 325.539



# Inverse Universe

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



64, 21.178, 20.054



77, 31.643, 20.745



74, 24.328, 159.513



38, 4.186, 18.361



33, 72.966, 38.948

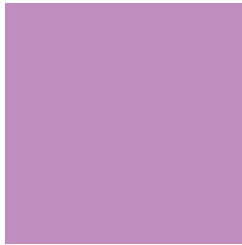


3, 14.005, 18.352



# Previews

## White Background



This preview shows how the CIELCh color 65, 34.170, 325.347 looks on a white background.

## Color Contrast Check

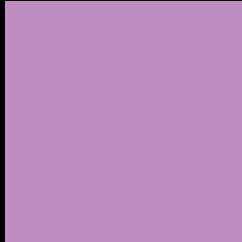
Large Text (above 18pt) WCAG AA × Fail

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 65, 34.170, 325.347 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

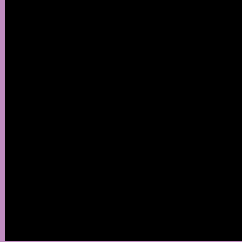
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# CIELCh 65, 34.170, 325.347

## Background



This preview shows how black text looks on a background with the CIELCh color 65, 34.170, 325.347.

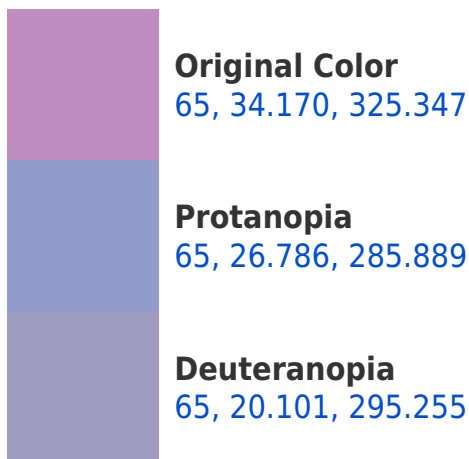


This preview shows how white text looks on a background with the CIELCh color 65, 34.170, 325.347.

# 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**  
65, 16.944, 358.129

# Trichromacy



**Original Color**  
65, 34.170, 325.347

**Protanomaly**  
65, 27.689, 301.496

**Deuteranomaly**  
65, 24.670, 310.096

**Tritanomaly**  
65, 22.031, 340.911

# Monochromacy



**Original Color**  
65, 34.170, 325.347

**Achromatopsia**  
67, 0.008, 296.813

**Achromatomaly**  
66, 12.773, 325.016

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 65, 34.170, 325.347 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(192, 141, 193)` looks like.

```
.text, #text, p{  
    color:rgb(192, 141, 193)  
}
```

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(192, 141, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 141, 193) }
```

## Border

The CSS property to change the border of an element to CIELCh 65, 34.170, 325.347 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(192, 141, 193) }
```

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

```
.border{ border-color:rgb(192, 141, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 141, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 141, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 141, 193);  
box-shadow:4px 4px 4px 4px rgb(192, 141,  
193) }
```

# Background

The CSS property to change the background color of an element to CIELCh 65, 34.170, 325.347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 141, 193) }
```

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

```
.background{ background-color: rgb(192,  
141, 193) }
```

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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