

Converting Colors

CIELCh(65, 38.217, 104.747)

Have a look what the booklet for
CIELCh(65, 38.217, 104.747)
contains.

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Color

CIELCh(65, 38.334, 104.739)

Conversions

Conversions Part 1

Format	Color
Hex	A3A15A
RGB	163, 161, 90
RGB Percent	64%, 63%, 35%
CMY	0.3605, 0.3683, 0.6468
CMYK	0.00, 0.01, 0.45, 0.36
HSL	58°, 29%, 50%
HSV	58°, 45%, 64%
XYZ	29.7240, 34.0472, 14.6923
YIQ	153.5040, 23.9830, -21.6570

Conversions

Conversions Part 2

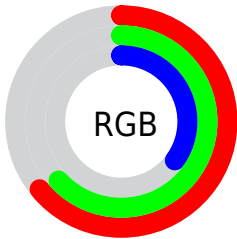
Format	Color
RYB	92, 163, 90
Decimal	10723674
CIELab	65.00, -9.75, 37.07
CIELCh	65, 38.334, 104.739
Yxy	34.0472, 0.3788, 0.4339
Android (android.graphics.Color)	4288913754 (0xFFA3A15A)
YUV	153.5040, -31.3075, 8.3280
Hunter-Lab	58.3500, -11.1830, 25.9159

Details

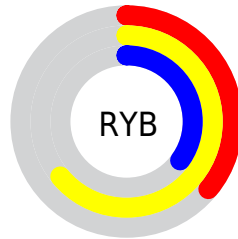
The CIELCh color **65, 38.334, 104.739** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **42, 42.838, 295.281**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 38.706, 105.031**, and **45, 38.707, 104.681** is the 20% darker color. If you saturate the color by 10%, you get **65, 46.179, 103.841**, and if you desaturate by 10%, it is **65, 30.066, 105.690**.

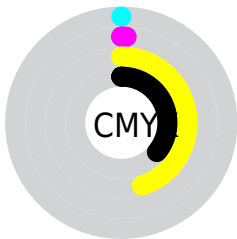
Distribution



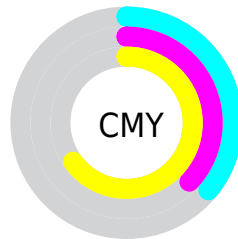
- Red (64%)
- Green (63%)
- Blue (35%)



- Red (36%)
- Yellow (64%)
- Blue (35%)



- Cyan (0%)
- Magenta (1%)
- Yellow (45%)
- Black (36%)





- Cyan (36%)
- Magenta (37%)
- Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 38.334, 104.739 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, 38.334, 104.739 by changing the saturation by 10% instead.


 65, 38.334,
104.739


 65, 38.334,
104.739


 100, 38.334,
104.739


 55, 38.334,
104.739


 85, 38.334,
104.739

 45, 38.334,
104.739

 95, 38.334,
104.739

 35, 38.334,
104.739

 25, 38.334,
104.739

 15, 38.334,
104.739

 5, 38.334, 104.739

 0, 38.334, 104.739

■ 65, 38.334,
104.739

■ 65, 38.334,
104.739

■ 65, 46.179,
103.841

■ 65, 30.066,
105.690

■ 64, 53.337,
103.015

■ 66, 21.546,
106.661

■ 64, 59.446,
102.298

■ 66, 12.888,
107.638

■ 64, 64.078,
101.721

■ 67, 4.162, 108.598

■ 64, 66.895,
101.305

■ 67, 4.584, 289.578

■ 64, 67.982,
101.121

■ 68, 13.322,
290.493

■ 69, 22.031,
291.381

■ 69, 30.697,
292.232

■ 70, 39.309,
293.042

Harmonies

Complementary

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



65, 38.334, 104.739



42, 42.838, 295.281

Rectangle

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



65, 38.334, 104.739



65, 38.334, 154.739



65, 38.334, 284.739



65, 38.334, 334.739

Sweetspot

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



65, 38.335, 104.742



84, 14.031, 107.786



47, 32.382, 21.535



45, 9.893, 107.580



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



65, 38.335, 104.742



82, 56.273, 103.821



63, 42.008, 125.808



34, 4.943, 108.171



57, 62.495, 101.138



5, 7.656, 108.688

Inverse Universe

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



42, 42.838, 295.281



48, 65.218, 297.353



45, 45.031, 310.236



32, 5.044, 290.028



16, 86.629, 305.848



0, 7.749, 289.176

Previews

White Background



This preview shows how the CIELCh color 65, 38.334, 104.739 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, 38.334, 104.739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

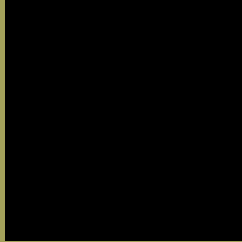
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 38.334, 104.739

Background



This preview shows how black text looks on a background with the CIELCh color 65, 38.334, 104.739.



This preview shows how white text looks on a background with the CIELCh color 65, 38.334, 104.739.

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


65, 38.334, 104.739

Protanopia

65, 38.041, 96.085

Deuteranopia

65, 36.958, 76.292



Tritanopia
65, 9.886, 337.964

Trichromacy



Original Color
65, 38.334, 104.739

Protanomaly
65, 38.160, 99.447

Deuteranomaly
65, 36.134, 87.113

Tritanomaly
65, 11.289, 81.269

Monochromacy



Original Color
65, 38.334, 104.739

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 14.385, 108.613

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 38.334, 104.739 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(163, 161, 90)` looks like.

```
.text, #text, p{  
    color:rgb(163, 161, 90)  
}
```

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(163, 161, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 161, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 38.334, 104.739 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(163, 161, 90) }
```

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

```
.border{ border-color:rgb(163, 161, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 161, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 161, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 161, 90);  
box-shadow:4px 4px 4px 4px rgb(163, 161,  
90) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 38.334, 104.739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 161, 90) }
```

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

```
.background{ background-color: rgb(163,  
161, 90) }
```

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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