

Converting Colors

CIELCh(65, 52.043, 102.880)

Have a look what the booklet for
CIELCh(65, 52.043, 102.880)
contains.

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Color

CIELCh(65, 52.154, 103.108)

Conversions

Conversions Part 1

Format	Color
Hex	A5A23E
RGB	165, 162, 62
RGB Percent	65%, 64%, 24%
CMY	0.3542, 0.3658, 0.7580
CMYK	0.00, 0.02, 0.63, 0.35
HSL	58°, 45%, 44%
HSV	58°, 63%, 65%
XYZ	29.1821, 34.0472, 9.5497
YIQ	151.4970, 33.8880, -30.4640

Conversions

Conversions Part 2

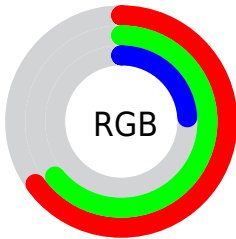
Format	Color
RYB	65, 165, 62
Decimal	10854974
CIELab	65.00, -11.83, 50.80
CIElCh	65, 52.154, 103.108
Yxy	34.0472, 0.4010, 0.4678
Android (android.graphics.Color)	4289045054 (0xFFA5A23E)
YUV	151.4970, -44.1220, 11.8421
Hunter-Lab	58.3500, -12.8407, 31.1414

Details

The CIELCh color **65, 52.154, 103.108** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **33, 62.298, 298.967**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 52.316, 103.380**, and **45, 52.271, 103.418** is the 20% darker color. If you saturate the color by 10%, you get **65, 58.576, 102.361**, and if you desaturate by 10%, it is **65, 44.765, 103.959**.

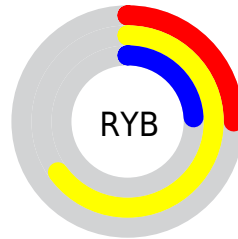
Distribution



Red (65%)

Green (64%)

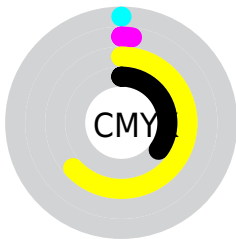
Blue (24%)



Red (25%)

Yellow (65%)

Blue (24%)

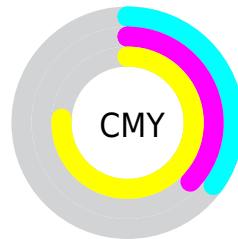


Cyan (0%)

Magenta (2%)

Yellow (63%)

Black (35%)



Cyan (35%)


Magenta (37%)


Yellow (76%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 52.154, 103.108 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, 52.154, 103.108 by changing the saturation by 10% instead.

 65, 52.154,
103.108


 65, 52.154,
103.108


 100, 52.154,
103.108


 55, 52.154,
103.108


 85, 52.154,
103.108

 45, 52.154,
103.108

 95, 52.154,
103.108

 35, 52.154,
103.108

 25, 52.154,
103.108

 15, 52.154,
103.108

 5, 52.154, 103.108

 0, 52.154, 103.108

■ 65, 52.154,
103.108

■ 65, 52.154,
103.108

■ 65, 58.576,
102.361

■ 65, 44.765,
103.959

■ 65, 63.605,
101.745

■ 66, 36.753,
104.876

■ 64, 66.850,
101.287

■ 66, 28.358,
105.834

■ 64, 68.400,
101.018

■ 66, 19.742,
106.811

■ 67, 11.006,
107.788

■ 67, 2.216, 108.734

■ 68, 6.588, 289.720

■ 69, 15.376,
290.633

■ 69, 24.132,
291.514

Harmonies

Complementary

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



65, 52.154, 103.108



33, 62.298, 298.967

Rectangle

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



65, 52.154, 103.108



65, 52.154, 153.108



65, 52.154, 283.108



65, 52.154, 333.108

Sweetspot

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



65, 52.155, 103.111



84, 20.646, 107.122



41, 47.417, 25.591



44, 14.172, 106.856



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, 52.155, 103.111



82, 73.824, 102.106



62, 57.507, 125.202



34, 4.935, 108.104



57, 62.425, 101.038



5, 7.640, 108.601

Inverse Universe

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



33, 62.298, 298.967



35, 93.872, 302.104



37, 63.668, 311.191



32, 5.036, 289.964



16, 86.551, 305.823



0, 7.738, 289.118

Previews

White Background



This preview shows how the CIELCh color 65, 52.154, 103.108 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 65, 52.154, 103.108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

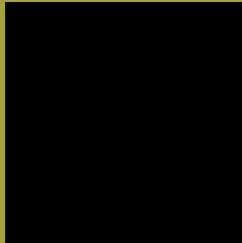
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 52.154, 103.108

Background



This preview shows how black text looks on a background with the CIELCh color 65, 52.154, 103.108.



This preview shows how white text looks on a background with the CIELCh color 65, 52.154, 103.108.

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, 52.154, 103.108

Protanopia
65, 51.626, 95.526

Deuteranopia
65, 50.787, 80.523



Tritanopia
65, 10.440, 344.674

Trichromacy



Original Color
65, 52.154, 103.108

Protanomaly
65, 51.689, 98.072

Deuteranomaly
65, 50.123, 88.490

Tritanomaly
65, 17.745, 87.806

Monochromacy



Original Color
65, 52.154, 103.108

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 19.915, 106.787

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 52.154, 103.108 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(165, 162, 62)` looks like.

```
.text, #text, p{  
    color:rgb(165, 162, 62)  
}
```

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(165, 162, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 162, 62) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 52.154, 103.108 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(165, 162, 62) }
```

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

```
.border{ border-color:rgb(165, 162, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 162, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 162, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 162, 62);  
box-shadow:4px 4px 4px 4px rgb(165, 162,  
62) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 52.154, 103.108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 162, 62) }
```

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

```
.background{ background-color: rgb(165,  
162, 62) }
```

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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