

Converting Colors

CIELCh(75, 62.565, 104.227)

Have a look what the booklet for
CIELCh(75, 62.565, 104.227)
contains.

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Color

CIELCh(75, 62.377, 104.239)

Conversions

Conversions Part 1

Format	Color
Hex	BEBE41
RGB	190, 190, 65
RGB Percent	75%, 75%, 25%
CMY	0.2540, 0.2541, 0.7442
CMYK	0.00, 0.00, 0.66, 0.25
HSL	60°, 49%, 50%
HSV	60°, 66%, 75%
XYZ	40.7101, 48.2781, 12.2064
YIQ	175.7500, 40.1250, -38.8750

Conversions

Conversions Part 2

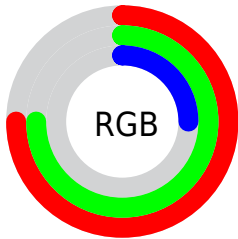
Format	Color
RYB	65, 190, 65
Decimal	12500545
CIELab	75.00, -15.34, 60.46
CIELCh	75, 62.377, 104.239
Yxy	48.2781, 0.4023, 0.4771
Android (android.graphics.Color)	4290690625 (0xFFBEBE41)
YUV	175.7500, -54.5997, 12.4973
Hunter-Lab	69.4824, -17.0103, 38.2219

Details

The CIELCh color **75, 62.377, 104.239** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **35, 76.359, 300.784**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 62.458, 104.141**, and **55, 61.106, 104.616** is the 20% darker color. If you saturate the color by 10%, you get **75, 69.113, 103.623**, and if you desaturate by 10%, it is **75, 54.319, 104.996**.

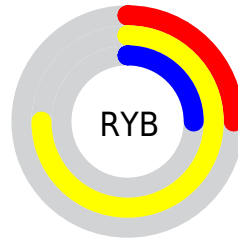
Distribution



Red (75%)

Green (75%)

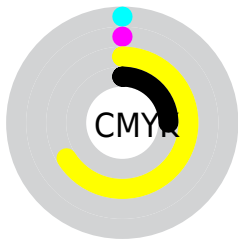
Blue (25%)



Red (25%)

Yellow (75%)

Blue (25%)

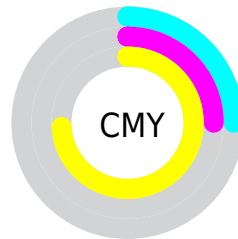


Cyan (0%)

Magenta (0%)

Yellow (66%)

Black (25%)



Cyan (25%)


Magenta (25%)


Yellow (74%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 62.377, 104.239 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 75, 62.377, 104.239 by changing the saturation by 10% instead.


 75, 62.377,
104.239


 75, 62.377,
104.239


 100, 62.377,
104.239


 65, 62.377,
104.239


 95, 62.377,
104.239

 55, 62.377,
104.239

 45, 62.377,
104.239

 35, 62.377,
104.239

 25, 62.377,
104.239

 15, 62.377,
104.239

 5, 62.377, 104.239

0, 62.377, 104.239

75, 62.377,
104.239

75, 62.377,
104.239

75, 69.113,
103.623

75, 54.319,
104.996

75, 74.051,
103.177

75, 45.372,
105.846

75, 76.886,
102.925

76, 35.863,
106.760

75, 77.740,
102.849

76, 26.012,
107.708

76, 15.965,
108.669

77, 5.814, 109.623

■ 77, 4.379, 290.593

■ 78, 14.576,
291.503

■ 78, 24.749,
292.389

Harmonies

Complementary

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



75, 62.377, 104.239



35, 76.359, 300.784

Rectangle

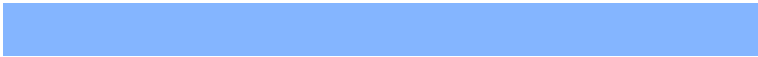
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75, 62.377, 104.239



75, 62.377, 154.239



75, 62.377, 284.239



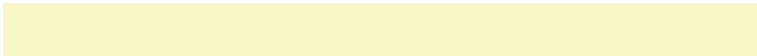
75, 62.377, 334.239

Sweetspot

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



75, 62.377, 104.241



96, 25.107, 108.226



46, 56.776, 27.871



52, 17.247, 107.952



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



75, 62.377, 104.241



95, 87.233, 103.396



71, 67.639, 125.743



40, 5.727, 109.280



63, 67.795, 102.849



11, 16.897, 107.641

Inverse Universe

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



35, 76.359, 300.784



38, 113.812, 303.832



41, 75.044, 311.825



36, 5.853, 291.136



18, 93.613, 306.287



1, 17.438, 290.637

Previews

White Background



This preview shows how the CIELCh color 75, 62.377, 104.239 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 75, 62.377, 104.239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

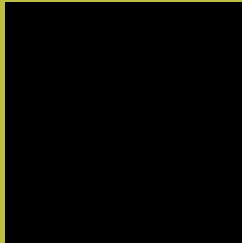
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 62.377, 104.239

Background



This preview shows how black text looks on a background with the CIELCh color 75, 62.377, 104.239.



This preview shows how white text looks on a background with the CIELCh color 75, 62.377, 104.239.

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

75, 62.377, 104.239

Protanopia

75, 61.614, 95.599

Deuteranopia

75, 60.224, 80.613



Tritanopia
75, 11.714, 340.307

Trichromacy



Original Color
75, 62.377, 104.239

Protanomaly
75, 61.900, 98.935

Deuteranomaly
75, 59.913, 89.447

Tritanomaly
75, 20.420, 89.818

Monochromacy



Original Color
75, 62.377, 104.239

Achromatopsia
72, 0.009, 296.813

Achromatomaly
73, 24.165, 107.800

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 62.377, 104.239 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(190, 190, 65)` looks like.

```
.text, #text, p{  
    color:rgb(190, 190, 65)  
}
```

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(190, 190, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 190, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 62.377, 104.239 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(190, 190, 65) }
```

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

```
.border{ border-color:rgb(190, 190, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 190, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 190, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 190, 65);  
box-shadow:4px 4px 4px 4px rgb(190, 190,  
65) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 62.377, 104.239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 190, 65) }
```

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

```
.background{ background-color: rgb(190,  
190, 65) }
```

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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