

Converting Colors

CIELCh(64, 60.240, 152.273)

Have a look what the booklet for
CIELCh(64, 60.240, 152.273)
contains.

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Color

CIELCh(64, 60.030, 152.434)

Conversions

Conversions Part 1

Format	Color
Hex	22B167
RGB	34, 177, 103
RGB Percent	13%, 69%, 40%
CMY	0.8661, 0.3055, 0.5958
CMYK	0.81, 0.00, 0.42, 0.31
HSL	149°, 68%, 41%
HSV	149°, 81%, 69%
XYZ	18.8558, 32.8017, 18.1901
YIQ	125.8070, -61.4740, -53.3300

Conversions

Conversions Part 2

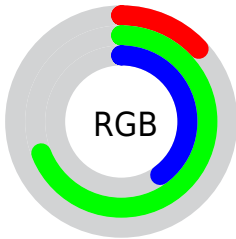
Format	Color
RYB	34, 130, 177
Decimal	2273639
CIELab	64.00, -53.22, 27.78
CIElCh	64, 60.030, 152.434
Yxy	32.8017, 0.2700, 0.4696
Android (android.graphics.Color)	4280463719 (0xFF22B167)
YUV	125.8070, -11.2439, -80.5147
Hunter-Lab	57.2727, -41.4600, 21.2601

Details

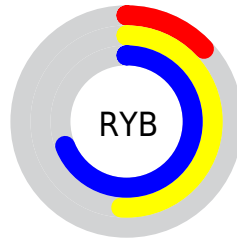
The CIELCh color **64, 60.030, 152.434** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **41, 60.911, 353.837**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **84, 60.111, 152.452**, and **45, 53.711, 147.504** is the 20% darker color. If you saturate the color by 10%, you get **64, 64.898, 150.354**, and if you desaturate by 10%, it is **64, 54.395, 154.313**.

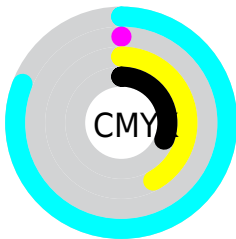
Distribution



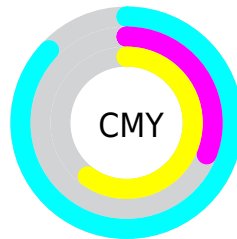
- Red (13%)
- Green (69%)
- Blue (40%)



- Red (13%)
- Yellow (51%)
- Blue (69%)



- Cyan (81%)
- Magenta (0%)
- Yellow (42%)
- Black (31%)





- Cyan (87%)
- Magenta (31%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 60.030, 152.434 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 64, 60.030, 152.434 by changing the saturation by 10% instead.


 64, 60.030,
152.434


 64, 60.030,
152.434


 100, 60.030,
152.434


 54, 60.030,
152.434


 84, 60.030,
152.434

 44, 60.030,
152.434

 94, 60.030,
152.434

 34, 60.030,
152.434

 24, 60.030,
152.434

 14, 60.030,
152.434

 4, 60.030, 152.434

 0, 60.030, 152.434

■ 64, 60.030,
152.434

■ 64, 60.030,
152.434

■ 64, 64.898,
150.354

■ 64, 54.395,
154.313

■ 63, 68.865,
148.345

■ 65, 48.020,
155.985

■ 66, 40.992,
157.461

■ 67, 33.433,
158.763

■ 68, 25.483,
159.914

■ 69, 17.279,
160.940

■ 71, 8.946, 161.870

■ 72, 0.589, 163.269

Harmonies

Complementary

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



64, 60.030, 152.434



41, 60.911, 353.837

Rectangle

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



64, 60.030, 152.434



64, 60.030, 202.434



64, 60.030, 332.434



64, 60.030, 22.434

Sweetspot

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



64, 60.030, 152.434



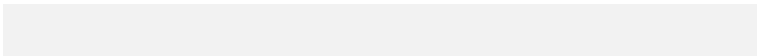
87, 24.682, 160.574



66, 74.052, 125.311



45, 16.906, 160.215



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



64, 60.030, 152.434



81, 82.852, 148.588



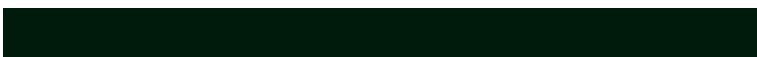
66, 37.077, 192.299



37, 4.758, 161.995



55, 61.461, 148.633



7, 12.437, 157.578

Inverse Universe

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



41, 60.911, 353.837



50, 78.134, 359.767



39, 65.673, 31.858



35, 4.814, 343.416



33, 58.163, 359.669



2, 10.715, 348.870

Previews

White Background



This preview shows how the CIE LCh color 64, 60.030, 152.434 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 64, 60.030, 152.434 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 64, 60.030, 152.434

Background



This preview shows how black text looks on a background with the CIELCh color 64, 60.030, 152.434.

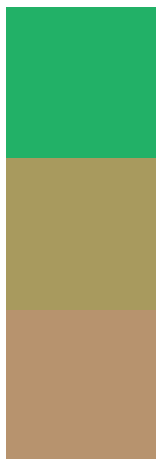


This preview shows how white text looks on a background with the CIELCh color 64, 60.030, 152.434.

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


64, 60.030, 152.434

Protanopia

64, 33.469, 95.961

Deuteranopia

63, 26.101, 71.189



Tritanopia
64, 28.503, 213.320

Trichromacy



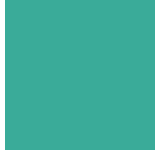
Original Color
64, 60.030, 152.434



Protanomaly
62, 39.697, 132.610



Deuteranomaly
62, 30.586, 129.984



Tritanomaly
64, 35.887, 180.036

Monochromacy



Original Color
64, 60.030, 152.434



Achromatopsia
53, 0.007, 296.813



Achromatomaly
56, 25.202, 159.331

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 60.030, 152.434 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(34, 177, 103)` looks like.

```
.text, #text, p{  
    color:rgb(34, 177, 103)  
}
```

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(34, 177, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 177, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 60.030, 152.434 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(34, 177, 103) }
```

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

```
.border{ border-color:rgb(34, 177, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 177, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 177, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 177, 103);  
box-shadow:4px 4px 4px 4px rgb(34, 177,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 60.030, 152.434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 177, 103) }
```

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

```
.background{ background-color: rgb(34, 177,  
103) }
```

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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