

Converting Colors

CIELCh(69, 63.384, 154.438)

Have a look what the booklet for
CIELCh(69, 63.384, 154.438)
contains.

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Color

CIELCh(69, 63.328, 154.401)

Conversions

Conversions Part 1

Format	Color
Hex	18C074
RGB	24, 192, 116
RGB Percent	9%, 75%, 45%
CMY	0.9056, 0.2454, 0.5436
CMYK	0.87, 0.00, 0.40, 0.25
HSL	153°, 78%, 42%
HSV	153°, 87%, 75%
XYZ	22.4922, 39.3444, 23.0454
YIQ	133.1040, -75.7320, -59.2520

Conversions

Conversions Part 2

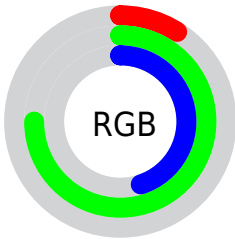
Format	Color
R_{YB}	24, 133, 192
Decimal	1622132
CIE _{Lab}	69.00, -57.11, 27.36
CIE _{LCh}	69, 63.328, 154.401
Yxy	39.3444, 0.2650, 0.4635
Android (android.graphics.Color)	4279812212 (0xFF18C074)
YUV	133.1040, -8.4323, -95.6842
Hunter-Lab	62.7251, -45.7618, 22.1242

Details

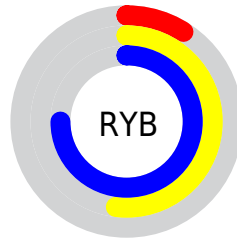
The CIELCh color **69, 63.328, 154.401** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **43, 65.892, 1.504**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **89, 63.305, 154.360**, and **50, 56.033, 149.210** is the 20% darker color. If you saturate the color by 10%, you get **69, 67.525, 152.179**, and if you desaturate by 10%, it is **69, 58.400, 156.446**.

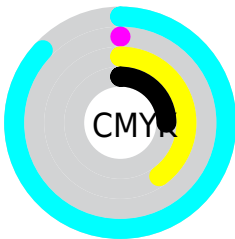
Distribution



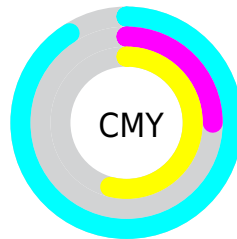
- Red (9%)
- Green (75%)
- Blue (45%)



- Red (9%)
- Yellow (52%)
- Blue (75%)



- Cyan (87%)
- Magenta (0%)
- Yellow (40%)
- Black (25%)





- Cyan (91%)
- Magenta (25%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 63.328, 154.401 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 69, 63.328, 154.401 by changing the saturation by 10% instead.

 69, 63.328,
154.401


 69, 63.328,
154.401


 100, 63.328,
154.401


 59, 63.328,
154.401


 89, 63.328,
154.401

 49, 63.328,
154.401

 99, 63.328,
154.401

 39, 63.328,
154.401

 29, 63.328,
154.401

 19, 63.328,
154.401

 9, 63.328, 154.401

 0, 63.328, 154.401

■ 69, 63.328,
154.401

■ 69, 63.328,
154.401

■ 69, 67.525,
152.179

■ 69, 58.400,
156.446

■ 69, 68.530,
151.636

■ 70, 52.674,
158.281

■ 71, 46.186,
159.909

■ 71, 39.029,
161.352

■ 73, 31.330,
162.631

■ 74, 23.232,
163.773

■ 75, 14.874,
164.804

■ 77, 6.380, 165.764

Harmonies

Complementary

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



69, 63.328, 154.401



43, 65.892, 1.504

Rectangle

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



69, 63.328, 154.401



69, 63.328, 204.401



69, 63.328, 334.401



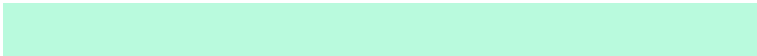
69, 63.328, 24.401

Sweetspot

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



69, 63.328, 154.401



93, 27.194, 163.889



70, 84.456, 127.987



49, 18.373, 163.509



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



69, 63.328, 154.401



87, 84.070, 151.237



69, 38.006, 201.265



40, 4.857, 165.584



58, 59.561, 151.973



10, 17.816, 158.656

Inverse Universe

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



43, 65.892, 1.504



53, 83.155, 7.642



42, 76.390, 37.143



38, 4.932, 347.100



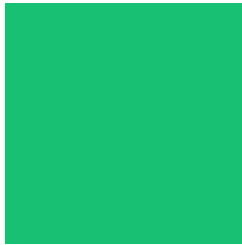
34, 59.763, 6.088



3, 15.443, 355.196

Previews

White Background



This preview shows how the CIELCh color 69, 63.328, 154.401 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 69, 63.328, 154.401 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 69, 63.328, 154.401

Background



This preview shows how black text looks on a background with the CIELCh color 69, 63.328, 154.401.



This preview shows how white text looks on a background with the CIELCh color 69, 63.328, 154.401.

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](#).

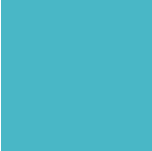
Dichromacy



Original Color
69, 63.271, 154.363

Protanopia
68, 33.647, 95.683

Deuteranopia
68, 25.448, 70.119



Tritanopia
69, 31.405, 212.542

Trichromacy



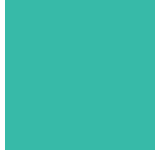
Original Color
69, 63.271, 154.363



Protanomaly
67, 41.118, 136.021



Deuteranomaly
66, 31.726, 135.697



Tritanomaly
69, 39.148, 181.583

Monochromacy



Original Color
69, 63.271, 154.363



Achromatopsia
56, 0.007, 296.813



Achromatomaly
59, 27.950, 162.408

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 63.328, 154.401 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(24, 192, 116)` looks like.

```
.text, #text, p{  
    color:rgb(24, 192, 116)  
}
```

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(24, 192, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 192, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 63.328, 154.401 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(24, 192, 116) }
```

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

```
.border{ border-color:rgb(24, 192, 116) }
```

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

Here you see how a box with a 4 pixel rgb(24, 192, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 192, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 192, 116);  
box-shadow:4px 4px 4px 4px rgb(24, 192,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 63.328, 154.401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 192, 116) }
```

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

```
.background{ background-color: rgb(24, 192,  
116) }
```

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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