

Converting Colors

CIE LCh(60, 35.673, 187.246)

Have a look what the booklet for
CIELCh(60, 35.673, 187.246)
contains.

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Color

CIELCh(60, 35.622, 187.105)

Conversions

Conversions Part 1

Format	Color
Hex	1FA197
RGB	31, 161, 151
RGB Percent	12%, 63%, 59%
CMY	0.8765, 0.3676, 0.4068
CMYK	0.80, 0.00, 0.06, 0.37
HSL	175°, 67%, 38%
HSV	175°, 80%, 63%
XYZ	18.9774, 28.1233, 33.8155
YIQ	120.9900, -74.2700, -30.6700

Conversions

Conversions Part 2

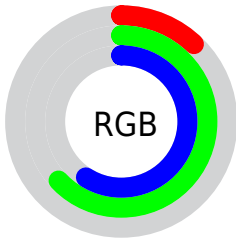
Format	Color
R_{YB}	31, 99, 161
Decimal	2072983
CIE _{Lab}	60.00, -35.35, -4.41
CIE _{LCh}	60, 35.622, 187.105
Yxy	28.1233, 0.2345, 0.3476
Android (android.graphics.Color)	4280263063 (0xFF1FA197)
YUV	120.9900, 14.7949, -78.9212
Hunter-Lab	53.0314, -28.9284, -0.6843

Details

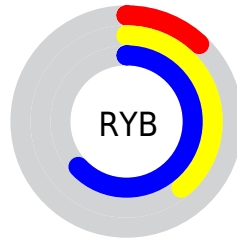
The CIELCh color **60, 35.622, 187.105** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **36, 59.196, 28.653**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 35.506, 187.323**, and **41, 28.760, 185.056** is the 20% darker color. If you saturate the color by 10%, you get **60, 37.128, 186.239**, and if you desaturate by 10%, it is **60, 33.397, 187.912**.

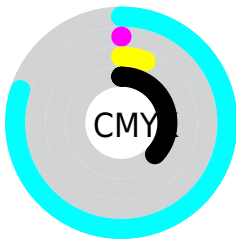
Distribution



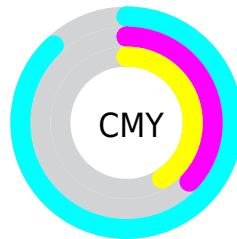
- Red (12%)
- Green (63%)
- Blue (59%)



- Red (12%)
- Yellow (39%)
- Blue (63%)



- Cyan (80%)
- Magenta (0%)
- Yellow (6%)
- Black (37%)





- Cyan (88%)
- Magenta (37%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 35.622, 187.105 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 60, 35.622, 187.105 by changing the saturation by 10% instead.


 60, 35.622,
187.105


 60, 35.622,
187.105


 100, 35.622,
187.105


 50, 35.622,
187.105


 80, 35.622,
187.105

 40, 35.622,
187.105

 90, 35.622,
187.105

 30, 35.622,
187.105

 20, 35.622,
187.105

 10, 35.622,
187.105

 0, 35.622, 187.105

 60, 35.622,

 60, 35.622,

187.105

■ 60, 37.128,
186.239

■ 60, 38.082,
185.374

187.105

■ 60, 33.397,
187.912

■ 61, 30.432,
188.680

■ 61, 26.750,
189.422

■ 62, 22.412,
190.149

■ 63, 17.500,
190.871

■ 64, 12.110,
191.596

■ 65, 6.342, 192.343

■ 66, 0.288, 194.581

Harmonies

Complementary

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



60, 35.622, 187.105



36, 59.196, 28.653

Rectangle

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



60, 35.622, 187.105



60, 35.622, 237.105



60, 35.622, 7.105



60, 35.622, 57.105

Sweetspot

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



60, 35.622, 187.104



80, 17.350, 191.306



58, 77.165, 136.242



42, 11.776, 191.064



92, 0.011, 296.813



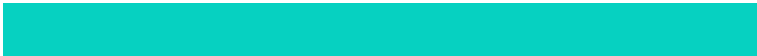
44, 0.006, 296.813

Same Dimension

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



60, 35.622, 187.104



76, 45.970, 185.468



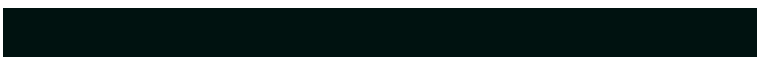
43, 35.716, 265.028



34, 3.468, 192.437



54, 35.265, 185.463



4, 5.532, 191.119

Inverse Universe

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



36, 59.196, 28.653



44, 85.136, 36.281



45, 51.211, 57.799



32, 3.643, 13.665



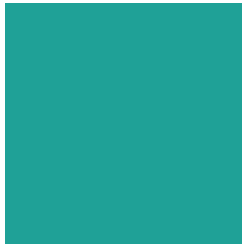
30, 65.424, 36.094



1, 5.499, 13.611

Previews

White Background



This preview shows how the CIE LCh color 60, 35.622, 187.105 looks on a white background.

Color Contrast Check

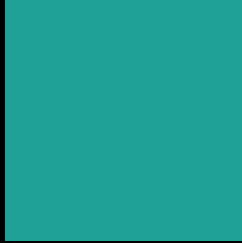
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 35.622, 187.105 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 × Fail

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

CIELCh 60, 35.622, 187.105

Background



This preview shows how black text looks on a background with the CIELCh color 60, 35.622, 187.105.

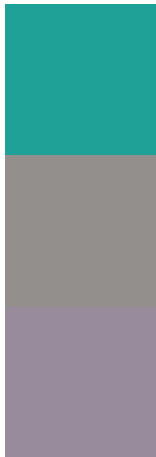


This preview shows how white text looks on a background with the CIELCh color 60, 35.622, 187.105.

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

60, 35.622, 187.105

Protanopia

60, 1.922, 55.182

Deuteranopia

60, 10.187, 317.706



Tritanopia
60, 30.407, 211.110

Trichromacy



Original Color
60, 35.622, 187.105



Protanomaly
59, 16.502, 187.928



Deuteranomaly
59, 14.356, 211.994



Tritanomaly
60, 31.731, 201.895

Monochromacy



Original Color
60, 35.622, 187.105



Achromatopsia
51, 0.007, 296.813



Achromatomaly
53, 17.421, 189.998

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 35.622, 187.105 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(31, 161, 151)` looks like.

```
.text, #text, p{  
    color:rgb(31, 161, 151)  
}
```

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(31, 161, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 161, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 35.622, 187.105 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(31, 161, 151) }
```

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

```
.border{ border-color:rgb(31, 161, 151) }
```

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

Here you see how a box with a 4 pixel rgb(31, 161, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 161, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 161, 151);  
box-shadow:4px 4px 4px 4px rgb(31, 161,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 35.622, 187.105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 161, 151) }
```

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

```
.background{ background-color: rgb(31, 161,  
151) }
```

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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