

Converting Colors

CIELCh(60, 35.981, 184.942)

Have a look what the booklet for
CIELCh(60, 35.981, 184.942)
contains.

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Color

CIELCh(60, 35.782, 185.277)

Conversions

Conversions Part 1

Format	Color
Hex	23A195
RGB	35, 161, 149
RGB Percent	14%, 63%, 58%
CMY	0.8646, 0.3674, 0.4145
CMYK	0.79, 0.00, 0.07, 0.37
HSL	174°, 65%, 38%
HSV	174°, 79%, 63%
XYZ	18.9226, 28.1233, 32.9871
YIQ	121.9580, -71.2440, -30.4440

Conversions

Conversions Part 2

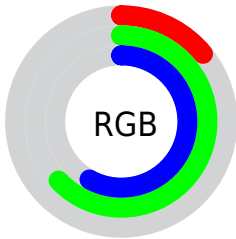
Format	Color
R_{YB}	35, 101, 161
Decimal	2335125
CIE _{Lab}	60.00, -35.63, -3.29
CIE _{LCh}	60, 35.782, 185.277
Yxy	28.1233, 0.2364, 0.3514
Android (android.graphics.Color)	4280525205 (0xFF23A195)
YUV	121.9580, 13.3317, -76.2622
Hunter-Lab	53.0314, -29.1130, 0.2419

Details

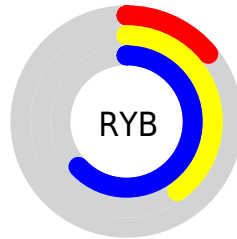
The CIELCh color `60, 35.782, 185.277` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `36, 57.374, 26.666`, and the grayscale version is `51, 0.007, 296.813`.

A 20% lighter version of the original color is `80, 35.474, 185.552`, and `41, 29.312, 182.760` is the 20% darker color. If you saturate the color by 10%, you get `60, 37.515, 184.283`, and if you desaturate by 10%, it is `60, 33.324, 186.195`.

Distribution



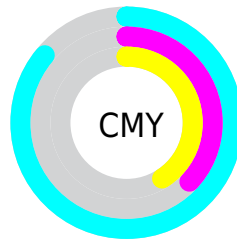
- Red (14%)
- Green (63%)
- Blue (58%)



- Red (14%)
- Yellow (40%)
- Blue (63%)



- Cyan (79%)
- Magenta (0%)
- Yellow (7%)
- Black (37%)





- Cyan (86%)
- Magenta (37%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 35.782, 185.277 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, 35.782, 185.277 by changing the saturation by 10% instead.

 60, 35.782,
185.277


 60, 35.782,
185.277


 100, 35.782,
185.277


 50, 35.782,
185.277


 80, 35.782,
185.277

 40, 35.782,
185.277

 90, 35.782,
185.277


 30, 35.782,
185.277

 20, 35.782,
185.277

 10, 35.782,
185.277

 0, 35.782, 185.277

 60, 35.782,

 60, 35.782,

185.277

185.277

■ 60, 37.515,
184.283

■ 60, 33.324,
186.195

■ 60, 38.661,
183.220

■ 61, 30.132,
187.057

■ 60, 38.812,
183.073

■ 61, 26.238,
187.879

■ 62, 21.711,
188.674

■ 63, 16.638,
189.453

■ 64, 11.118,
190.226

■ 65, 5.250, 191.023

■ 67, 0.874, 11.156

Harmonies

Complementary

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



60, 35.782, 185.277



36, 57.374, 26.666

Rectangle

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



60, 35.782, 185.277



60, 35.782, 235.277



60, 35.782, 5.277



60, 35.782, 55.277

Sweetspot

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



60, 35.782, 185.276



80, 17.458, 189.774



58, 75.841, 136.116



42, 11.855, 189.515



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, 35.782, 185.276



76, 46.502, 183.520



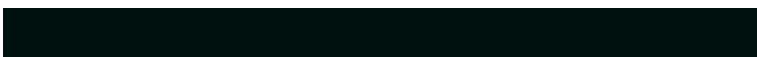
45, 34.170, 261.922



34, 3.483, 190.966



54, 35.928, 183.179



4, 5.562, 189.332

Inverse Universe

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



36, 57.374, 26.666



44, 82.377, 34.099



45, 50.163, 56.609



32, 3.652, 12.252



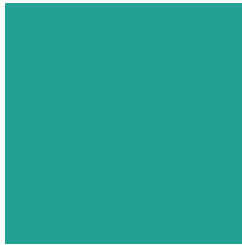
30, 64.769, 35.225



1, 5.515, 12.302

Previews

White Background



This preview shows how the CIELCh color 60, 35.782, 185.277 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, 35.782, 185.277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

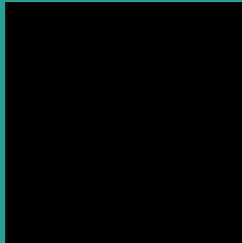
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 35.782, 185.277

Background



This preview shows how black text looks on a background with the CIELCh color 60, 35.782, 185.277.

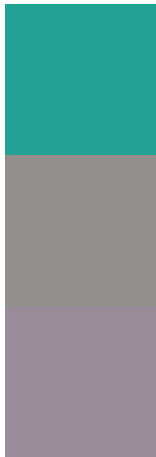


This preview shows how white text looks on a background with the CIELCh color 60, 35.782, 185.277.

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, 35.674, 185.253

Protanopia
60, 2.738, 74.672

Deuteranopia
59, 10.086, 323.102



Tritanopia
60, 30.007, 211.333

Trichromacy



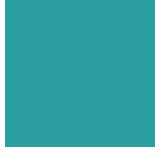
Original Color
60, 35.674, 185.253



Protanomaly
59, 16.545, 183.920



Deuteranomaly
58, 13.366, 210.593



Tritanomaly
60, 31.452, 200.905

Monochromacy



Original Color
60, 35.674, 185.253



Achromatopsia
51, 0.007, 296.813



Achromatomaly
53, 16.805, 189.781

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 35.782, 185.277 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(35, 161, 149)` looks like.

```
.text, #text, p{  
    color:rgb(35, 161, 149)  
}
```

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(35, 161, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 161, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 35.782, 185.277 is called "border". The border property can be set on classes, ids or directly on the HTML element.

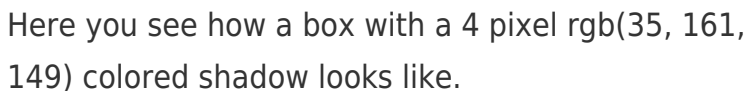
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(35, 161, 149) }
```

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

```
.border{ border-color:rgb(35, 161, 149) }
```

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



Here you see how a box with a 4 pixel `rgb(35, 161, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 161, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 161, 149);  
box-shadow:4px 4px 4px 4px rgb(35, 161,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 35.782, 185.277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 161, 149) }
```

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

```
.background{ background-color: rgb(35, 161,  
149) }
```

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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