

Converting Colors

CIELCh(65, 36.491, 184.054)

Have a look what the booklet for
CIELCh(65, 36.491, 184.054)
contains.

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Color

CIELCh(65, 36.412, 183.977)

Conversions

Conversions Part 1

Format	Color
Hex	35AFA1
RGB	53, 175, 161
RGB Percent	21%, 69%, 63%
CMY	0.7915, 0.3132, 0.3681
CMYK	0.70, 0.00, 0.08, 0.31
HSL	173°, 53%, 45%
HSV	173°, 70%, 69%
XYZ	23.2748, 34.0472, 39.1193
YIQ	136.9260, -68.2180, -30.2180

Conversions

Conversions Part 2

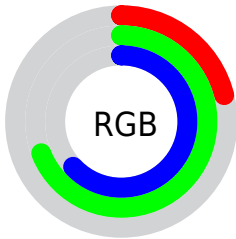
Format	Color
RYB	53, 118, 175
Decimal	3518369
CIELab	65.00, -36.32, -2.53
CIElCh	65, 36.412, 183.977
Yxy	34.0472, 0.2413, 0.3530
Android (android.graphics.Color)	4281708449 (0xFF35AFA1)
YUV	136.9260, 11.8685, -73.6031
Hunter-Lab	58.3500, -30.9119, 1.0955

Details

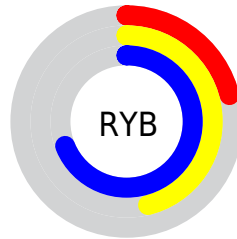
The CIELCh color **65, 36.412, 183.977** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **41, 54.085, 22.020**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **85, 36.394, 184.345**, and **46, 31.720, 182.925** is the 20% darker color. If you saturate the color by 10%, you get **65, 39.043, 182.913**, and if you desaturate by 10%, it is **66, 32.994, 184.959**.

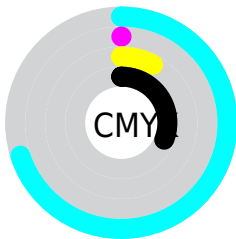
Distribution



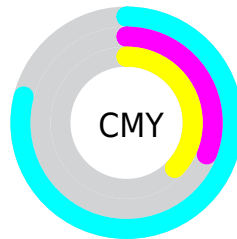
- Red (21%)
- Green (69%)
- Blue (63%)



- Red (21%)
- Yellow (46%)
- Blue (69%)



- Cyan (70%)
- Magenta (0%)
- Yellow (8%)
- Black (31%)





- Cyan (79%)
- Magenta (31%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 36.412, 183.977 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 65, 36.412, 183.977 by changing the saturation by 10% instead.


 65, 36.412,
183.977


 65, 36.412,
183.977


 100, 36.412,
183.977


 55, 36.412,
183.977


 85, 36.412,
183.977

 45, 36.412,
183.977

 95, 36.412,
183.977

 35, 36.412,
183.977

 25, 36.412,
183.977

 15, 36.412,
183.977

 5, 36.412, 183.977

 0, 36.412, 183.977

■ 65, 36.412,
183.977

■ 65, 36.412,
183.977

■ 65, 39.043,
182.913

■ 66, 32.994,
184.959

■ 64, 40.906,
181.751

■ 66, 28.823,
185.882

■ 64, 42.173,
180.506

■ 67, 23.970,
186.759

■ 64, 42.216,
180.461

■ 68, 18.530,
187.605

■ 69, 12.610,
188.433

■ 70, 6.319, 189.268

■ 72, 0.244, 7.994

■ 73, 6.987, 10.673

Harmonies

Complementary

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



65, 36.412, 183.977



41, 54.085, 22.020

Rectangle

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



65, 36.412, 183.977



65, 36.412, 233.977



65, 36.412, 3.977



65, 36.412, 53.977

Sweetspot

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



65, 36.412, 183.976



87, 16.579, 188.291



63, 74.127, 136.391



46, 11.234, 188.068



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



65, 36.412, 183.976



82, 48.811, 182.251



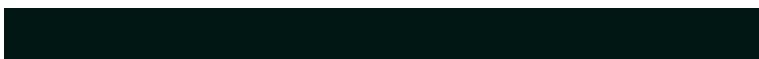
51, 32.432, 256.175



36, 3.684, 189.298



56, 37.689, 180.632



6, 8.040, 186.156

Inverse Universe

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



41, 54.085, 22.020



49, 79.372, 28.381



50, 46.961, 55.924



34, 3.855, 10.658



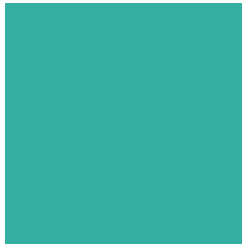
31, 65.706, 34.253



2, 7.888, 11.662

Previews

White Background



This preview shows how the CIELCh color 65, 36.412, 183.977 looks on a white background.

Color Contrast Check

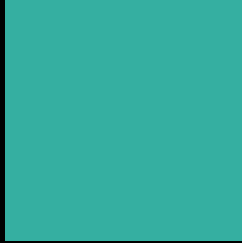
Large Text (above 18pt) WCAG AA × Fail

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 65, 36.412, 183.977 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

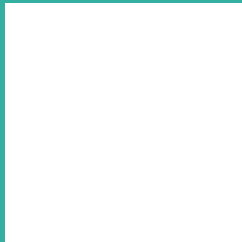
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 36.412, 183.977

Background



This preview shows how black text looks on a background with the CIELCh color 65, 36.412, 183.977.

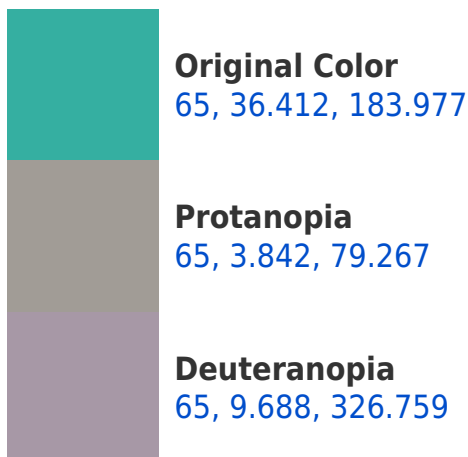


This preview shows how white text looks on a background with the CIELCh color 65, 36.412, 183.977.

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



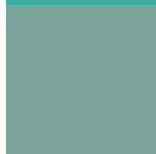


Tritanopia
65, 30.331, 211.046

Trichromacy



Original Color
65, 36.412, 183.977



Protanomaly
64, 15.844, 179.483



Deuteranomaly
64, 12.243, 208.977

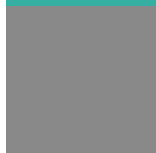


Tritanomaly
65, 31.830, 199.887

Monochromacy



Original Color
65, 36.412, 183.977



Achromatopsia
57, 0.007, 296.813



Achromatomaly
59, 16.174, 187.779

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 36.412, 183.977 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(53, 175, 161)` looks like.

```
.text, #text, p{  
    color:rgb(53, 175, 161)  
}
```

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(53, 175, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 175, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 36.412, 183.977 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(53, 175, 161) }
```

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

```
.border{ border-color:rgb(53, 175, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 175, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 175, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 175, 161);  
box-shadow:4px 4px 4px 4px rgb(53, 175,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 36.412, 183.977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 175, 161) }
```

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

```
.background{ background-color: rgb(53, 175,  
161) }
```

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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