

Converting Colors

CIELCh(64, 36.249, 196.428)

Have a look what the booklet for
CIELCh(64, 36.249, 196.428)
contains.

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Color

CIELCh(64, 36.161, 196.474)

Conversions

Conversions Part 1

Format	Color
Hex	1AACAC
RGB	26, 172, 172
RGB Percent	10%, 67%, 67%
CMY	0.8995, 0.3245, 0.3245
CMYK	0.85, 0.00, 0.00, 0.32
HSL	180°, 74%, 39%
HSV	180°, 85%, 68%
XYZ	22.6855, 32.8017, 44.2882
YIQ	128.3460, -87.0160, -30.9520

Conversions

Conversions Part 2

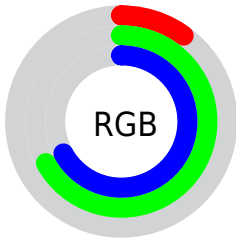
Format	Color
RYB	26, 99, 172
Decimal	1748140
CIELab	64.00, -34.68, -10.25
CIELCh	64, 36.161, 196.474
Yxy	32.8017, 0.2274, 0.3288
Android (android.graphics.Color)	4279938220 (0xFF1AACAC)
YUV	128.3460, 21.5214, -89.7574
Hunter-Lab	57.2727, -29.5242, -5.7572

Details

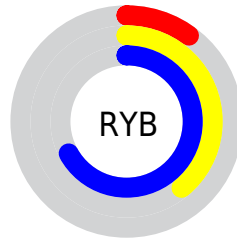
The CIELCh color **64, 36.161, 196.474** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **37, 68.872, 35.376**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **84, 36.175, 196.160**, and **45, 28.372, 197.634** is the 20% darker color. If you saturate the color by 10%, you get **64, 37.046, 196.404**, and if you desaturate by 10%, it is **64, 34.557, 196.597**.

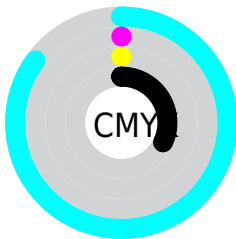
Distribution



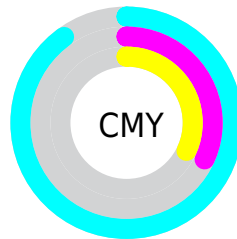
- Red (10%)
- Green (67%)
- Blue (67%)



- Red (10%)
- Yellow (39%)
- Blue (67%)



- Cyan (85%)
- Magenta (0%)
- Yellow (0%)
- Black (32%)



- Cyan (90%)
- Magenta (32%)
- Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 36.161, 196.474 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, 36.161, 196.474 by changing the saturation by 10% instead.

 64, 36.161,
196.474

 64, 36.161,
196.474


 100, 36.161,
196.474


 54, 36.161,
196.474


 84, 36.161,
196.474

 44, 36.161,
196.474

 94, 36.161,
196.474

 34, 36.161,
196.474

 24, 36.161,
196.474

 14, 36.161,
196.474

 4, 36.161, 196.474

 0, 36.161, 196.474

■ 64, 36.161,
196.474

■ 64, 36.161,
196.474

■ 64, 37.046,
196.404

■ 64, 34.557,
196.597

■ 64, 37.348,
196.381

■ 65, 32.170,
196.783

■ 65, 28.990,
197.034

■ 66, 25.049,
197.349

■ 67, 20.414,
197.725

■ 67, 15.174,
198.161

■ 69, 9.428, 198.658

■ 70, 3.276, 199.274

Harmonies

Complementary

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



64, 36.161, 196.474



37, 68.872, 35.376

Rectangle

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



64, 36.161, 196.474



64, 36.161, 246.474



64, 36.161, 16.474



64, 36.161, 66.474

Sweetspot

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



64, 36.161, 196.473



86, 19.379, 198.100



62, 84.526, 136.653



45, 12.959, 197.950



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



64, 36.161, 196.473



81, 45.502, 196.381



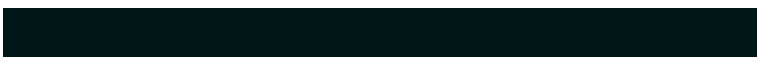
42, 44.310, 275.483



36, 3.603, 198.986



56, 33.809, 196.381



6, 7.801, 199.418

Inverse Universe

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



37, 68.872, 35.376



47, 94.945, 39.999



49, 56.252, 62.703



34, 3.818, 19.907



31, 69.981, 39.445



2, 7.802, 19.403

Previews

White Background



This preview shows how the CIE LCh color 64, 36.161, 196.474 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, 36.161, 196.474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

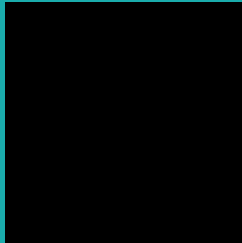
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 36.161, 196.474

Background



This preview shows how black text looks on a background with the CIELCh color 64, 36.161, 196.474.

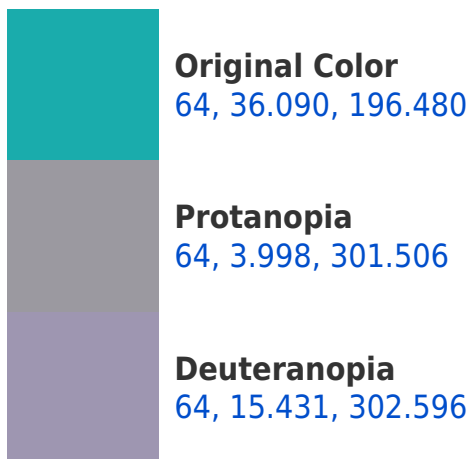


This preview shows how white text looks on a background with the CIELCh color 64, 36.161, 196.474.

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
64, 33.473, 210.511

Trichromacy



Original Color
64, 36.090, 196.480



Protanomaly
63, 17.831, 205.182



Deuteranomaly
62, 18.201, 230.046



Tritanomaly
64, 34.312, 205.224

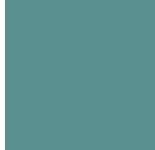
Monochromacy



Original Color
64, 36.090, 196.480



Achromatopsia
54, 0.007, 296.813



Achromatomaly
56, 18.391, 197.683

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 36.161, 196.474 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(26, 172, 172)` looks like.

```
.text, #text, p{  
    color:rgb(26, 172, 172)  
}
```

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(26, 172, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 172, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 36.161, 196.474 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(26, 172, 172) }
```

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

```
.border{ border-color:rgb(26, 172, 172) }
```

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

Here you see how a box with a 4 pixel rgb(26, 172, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 172, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 172, 172);  
box-shadow:4px 4px 4px 4px rgb(26, 172,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 36.161, 196.474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 172, 172) }
```

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

```
.background{ background-color: rgb(26, 172,  
172) }
```

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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