

Converting Colors

CIELCh(64, 36.281, 197.244)

Have a look what the booklet for
CIELCh(64, 36.281, 197.244)
contains.

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Color

CIELCh(64, 36.217, 197.372)

Conversions

Conversions Part 1

Format	Color
Hex	17ACAD
RGB	23, 172, 173
RGB Percent	9%, 67%, 68%
CMY	0.9111, 0.3245, 0.3206
CMYK	0.87, 0.01, 0.00, 0.32
HSL	180°, 77%, 38%
HSV	180°, 87%, 68%
XYZ	22.7100, 32.8017, 44.7912
YIQ	127.5630, -89.1250, -31.2770

Conversions

Conversions Part 2

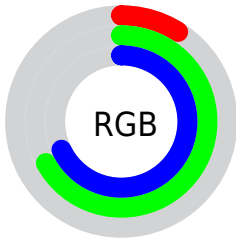
Format	Color
R_{YB}	23, 98, 173
Decimal	1551533
CIE Lab	64.00, -34.57, -10.81
CIE LCh	64, 36.217, 197.372
Yxy	32.8017, 0.2264, 0.3270
Android (android.graphics.Color)	4279741613 (0xFF17ACAD)
YUV	127.5630, 22.4004, -91.7018
Hunter-Lab	57.2727, -29.4479, -6.2779

Details

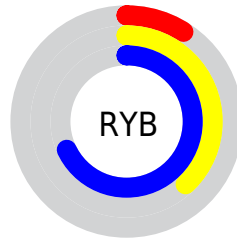
The CIELCh color **64, 36.217, 197.372** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **37, 70.352, 36.155**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **84, 36.255, 197.005**, and **45, 28.227, 198.894** is the 20% darker color. If you saturate the color by 10%, you get **64, 36.973, 197.395**, and if you desaturate by 10%, it is **64, 34.775, 197.412**.

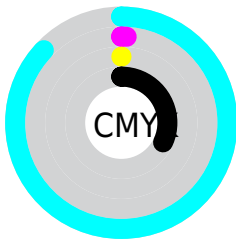
Distribution



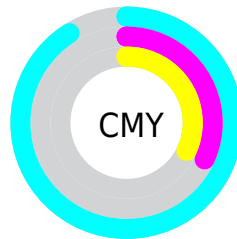
- Red (9%)
- Green (67%)
- Blue (68%)



- Red (9%)
- Yellow (38%)
- Blue (68%)



- Cyan (87%)
- Magenta (1%)
- Yellow (0%)
- Black (32%)





- Cyan (91%)
- Magenta (32%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 36.217, 197.372 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, 36.217, 197.372 by changing the saturation by 10% instead.


 64, 36.217,
197.372


 64, 36.217,
197.372


 100, 36.217,
197.372


 54, 36.217,
197.372


 84, 36.217,
197.372

 44, 36.217,
197.372


 94, 36.217,
197.372

 34, 36.217,
197.372

 24, 36.217,
197.372

 14, 36.217,
197.372

 4, 36.217, 197.372

 0, 36.217, 197.372

■ 64, 36.217,
197.372

■ 64, 36.217,
197.372

■ 64, 36.973,
197.395

■ 64, 34.775,
197.412

■ 64, 37.153,
197.407

■ 65, 32.553,
197.526

■ 65, 29.533,
197.714

■ 66, 25.741,
197.975

■ 67, 21.240,
198.305

■ 68, 16.116,
198.701

■ 69, 10.467,
199.159

■ 70, 4.395, 199.713

Harmonies

Complementary

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



64, 36.217, 197.372



37, 70.352, 36.155

Rectangle

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



64, 36.217, 197.372



64, 36.217, 247.372



64, 36.217, 17.372



64, 36.217, 67.372

Sweetspot

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



64, 36.216, 197.371



85, 19.245, 198.721



62, 85.843, 136.660



45, 12.869, 198.581



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, 36.216, 197.371



81, 45.065, 197.425



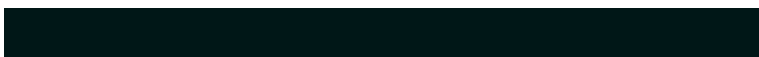
41, 46.797, 278.091



36, 3.579, 199.564



56, 33.493, 197.396



6, 7.724, 200.249

Inverse Universe

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



42, 82.948, 328.343



53, 104.378, 328.500



49, 57.382, 63.792



34, 6.561, 325.099



35, 77.566, 328.492



2, 13.765, 324.700

Previews

White Background



This preview shows how the CIELCh color 64, 36.217, 197.372 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, 36.217, 197.372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

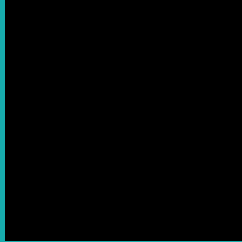
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

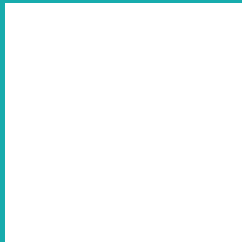
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 36.217, 197.372

Background



This preview shows how black text looks on a background with the CIELCh color 64, 36.217, 197.372.

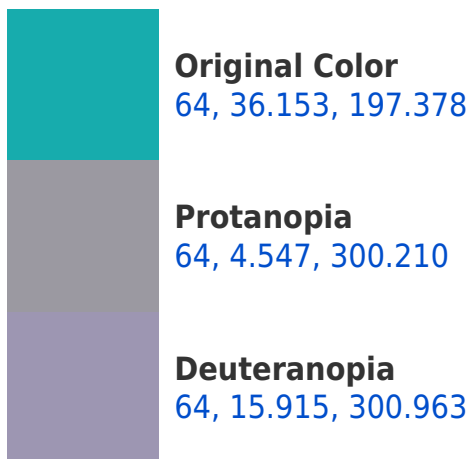


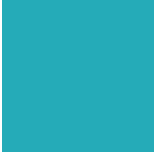
This preview shows how white text looks on a background with the CIELCh color 64, 36.217, 197.372.

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



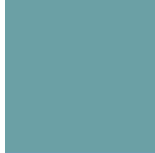


Tritanopia
64, 33.858, 209.322

Trichromacy



Original Color
64, 36.153, 197.378



Protanomaly
62, 18.124, 206.858



Deuteranomaly
62, 18.913, 230.707



Tritanomaly
64, 34.484, 205.168

Monochromacy



Original Color
64, 36.153, 197.378



Achromatopsia
54, 0.007, 296.813



Achromatomaly
56, 18.683, 197.655

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 36.217, 197.372 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(23, 172, 173)` looks like.

```
.text, #text, p{  
    color:rgb(23, 172, 173)  
}
```

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(23, 172, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 172, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 36.217, 197.372 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(23, 172, 173) }
```

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

```
.border{ border-color:rgb(23, 172, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 172, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 172, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 172, 173);  
box-shadow:4px 4px 4px 4px rgb(23, 172,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 36.217, 197.372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 172, 173) }
```

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

```
.background{ background-color: rgb(23, 172,  
173) }
```

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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