

Converting Colors

CIELCh(64, 10.435, 212.881)

Have a look what the booklet for
CIELCh(64, 10.435, 212.881)
contains.

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Color

CIELCh(64, 10.361, 214.289)

Conversions

Conversions Part 1

Format	Color
Hex	84A0A5
RGB	132, 160, 165
RGB Percent	52%, 63%, 65%
CMY	0.4820, 0.3722, 0.3526
CMYK	0.20, 0.03, 0.00, 0.35
HSL	189°, 16%, 58%
HSV	189°, 20%, 65%
XYZ	28.9123, 32.8017, 40.4443
YIQ	152.1980, -18.2930, -4.3810

Conversions

Conversions Part 2

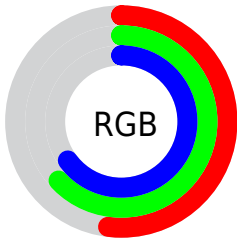
Format	Color
RYB	132, 147, 165
Decimal	8691877
CIELab	64.00, -8.56, -5.84
CIElCh	64, 10.361, 214.289
Yxy	32.8017, 0.2830, 0.3211
Android (android.graphics.Color)	4286881957 (0xFF84A0A5)
YUV	152.1980, 6.3114, -17.7136
Hunter-Lab	57.2727, -10.1174, -1.7779

Details

The CIELCh color **64, 10.361, 214.289** is a light color, and the websafe version is hex **669999**. A complement of this color would be **60, 11.831, 34.159**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 10.280, 213.694**, and **44, 10.365, 211.754** is the 20% darker color. If you saturate the color by 10%, you get **62, 15.016, 214.584**, and if you desaturate by 10%, it is **66, 5.329, 214.153**.

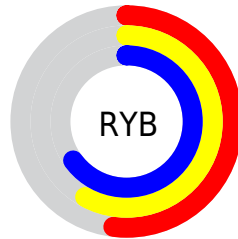
Distribution



Red (52%)

Green (63%)

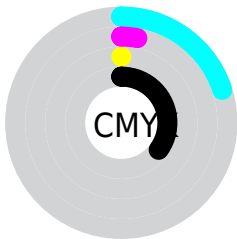
Blue (65%)



Red (52%)

Yellow (58%)

Blue (65%)

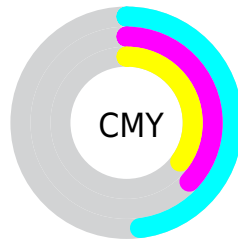


Cyan (20%)

Magenta (3%)

Yellow (0%)

Black (35%)



Cyan (48%)

Magenta (37%)

Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 10.361, 214.289 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, 10.361, 214.289 by changing the saturation by 10% instead.

 64, 10.361,
214.289

 64, 10.361,
214.289


 100, 10.361,
214.289


 54, 10.361,
214.289


 84, 10.361,
214.289

 44, 10.361,
214.289

 94, 10.361,
214.289

 34, 10.361,
214.289

 24, 10.361,
214.289

 14, 10.361,
214.289

 4, 10.361, 214.289

 0, 10.361, 214.289

64, 10.361,
214.289

64, 10.361,
214.289

62, 15.016,
214.584

66, 5.329, 214.153

61, 19.210,
215.077

68, 0.009, 327.474

70, 5.567, 33.948

59, 22.860,
215.799

72, 11.302, 34.089

58, 25.891,
216.803

74, 17.159, 34.253

76, 23.099, 34.446

57, 28.251,
218.146

79, 29.089, 34.664

55, 29.921,
219.892

80, 31.432, 36.179

81, 30.875, 38.805

54, 30.931,
222.099

53, 31.477,

224.699

■ 53, 31.478,
224.702

Harmonies

Complementary

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



64, 10.361, 214.289



60, 11.831, 34.159

Rectangle

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



64, 10.361, 214.289



64, 10.361, 264.289



64, 10.361, 34.289



64, 10.361, 84.289

Sweetspot

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



64, 10.361, 214.281



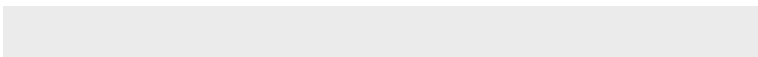
84, 3.994, 214.174



65, 20.204, 147.515



44, 2.641, 214.165



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



64, 10.361, 214.281



80, 15.154, 214.395



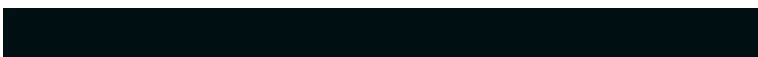
59, 12.713, 272.589



34, 2.994, 214.152



47, 28.679, 224.361



4, 4.653, 218.523

Inverse Universe

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



59, 20.236, 330.066



73, 30.047, 330.341



64, 12.817, 87.257



32, 5.645, 329.405



33, 67.681, 335.187



1, 8.489, 330.234

Previews

White Background



This preview shows how the CIELCh color 64, 10.361, 214.289 looks on a white background.

Color Contrast Check

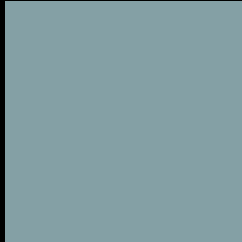
Large Text (above 18pt) WCAG AA × Fail

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, 10.361, 214.289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

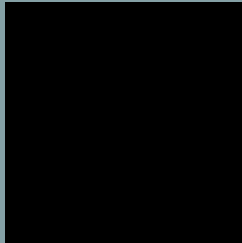
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

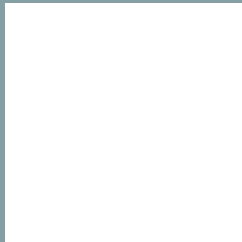
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 10.361, 214.289

Background



This preview shows how black text looks on a background with the CIELCh color 64, 10.361, 214.289.



This preview shows how white text looks on a background with the CIELCh color 64, 10.361, 214.289.

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](#).

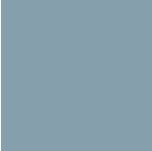
Dichromacy



Original Color
64, 10.361, 214.289

Protanopia
64, 3.993, 301.505

Deuteranopia
64, 10.908, 319.943



Tritanopia
64, 11.505, 238.045

Trichromacy



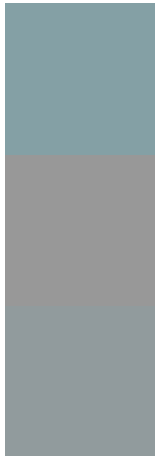
Original Color
64, 10.361, 214.289

Protanomaly
64, 4.683, 244.982

Deuteranomaly
64, 6.728, 284.586

Tritanomaly
64, 10.654, 230.462

Monochromacy



Original Color
64, 10.361, 214.289

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 3.897, 215.888

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 10.361, 214.289 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(132, 160, 165)` looks like.

```
.text, #text, p{  
    color:rgb(132, 160, 165)  
}
```

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(132, 160, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 160, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 10.361, 214.289 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(132, 160, 165) }
```

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

```
.border{ border-color:rgb(132, 160, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 160, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 160, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 160, 165);  
box-shadow:4px 4px 4px 4px rgb(132, 160,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 10.361, 214.289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 160, 165) }
```

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

```
.background{ background-color: rgb(132,  
160, 165) }
```

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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