

Converting Colors

CIELCh(64, 21.081, 201.898)

Have a look what the booklet for
CIELCh(64, 21.081, 201.898)
contains.

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Color

CIELCh(64, 21.288, 200.656)

Conversions

Conversions Part 1

Format	Color
Hex	66A6A8
RGB	102, 166, 168
RGB Percent	40%, 65%, 66%
CMY	0.6010, 0.3501, 0.3422
CMYK	0.39, 0.01, 0.00, 0.34
HSL	182°, 27%, 53%
HSV	182°, 39%, 66%
XYZ	26.0801, 32.8017, 41.8722
YIQ	147.0920, -38.7860, -12.9460

Conversions

Conversions Part 2

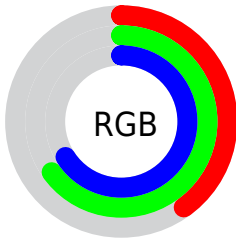
Format	Color
RYB	102, 134, 168
Decimal	6727336
CIELab	64.00, -19.92, -7.51
CIElCh	64, 21.288, 200.656
Yxy	32.8017, 0.2588, 0.3256
Android (android.graphics.Color)	4284917416 (0xFF66A6A8)
YUV	147.0920, 10.3076, -39.5457
Hunter-Lab	57.2727, -18.9442, -3.2561

Details

The CIELCh color **64, 21.288, 200.656** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **51, 28.123, 25.221**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 21.273, 200.832**, and **44, 21.424, 200.309** is the 20% darker color. If you saturate the color by 10%, you get **63, 25.405, 200.479**, and if you desaturate by 10%, it is **65, 16.555, 200.915**.

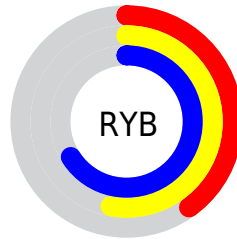
Distribution



Red (40%)

Green (65%)

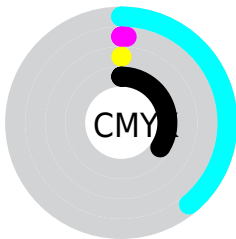
Blue (66%)



Red (40%)

Yellow (53%)

Blue (66%)

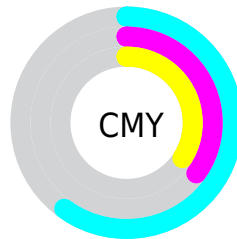


Cyan (39%)

Magenta (1%)

Yellow (0%)

Black (34%)



Cyan (60%)

Magenta (35%)

Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 21.288, 200.656 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, 21.288, 200.656 by changing the saturation by 10% instead.

 64, 21.288,
200.656


 64, 21.288,
200.656

 100, 21.288,
200.656


 54, 21.288,
200.656


 84, 21.288,
200.656

 44, 21.288,
200.656

 94, 21.288,
200.656

 34, 21.288,
200.656

 24, 21.288,
200.656

 14, 21.288,
200.656

 4, 21.288, 200.656

 0, 21.288, 200.656

64, 21.288,
200.656

64, 21.288,
200.656

63, 25.405,
200.479

65, 16.555,
200.915

62, 28.824,
200.401

66, 11.298,
201.256

62, 31.492,
200.430

67, 5.614, 201.688

61, 33.386,
200.574

69, 0.403, 20.831

70, 6.671, 22.441

61, 34.532,
200.838

72, 13.115, 22.981

61, 35.096,
201.202

74, 19.675, 23.518

76, 26.300, 24.063

61, 35.129,
201.226

78, 32.953, 24.611

Harmonies

Complementary

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



64, 21.288, 200.656



51, 28.123, 25.221

Rectangle

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



64, 21.288, 200.656



64, 21.288, 250.656



64, 21.288, 20.656



64, 21.288, 70.656

Sweetspot

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



64, 21.288, 200.653



85, 8.899, 201.551



63, 43.969, 141.964



45, 5.874, 201.496



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



64, 21.288, 200.653



81, 30.332, 200.498



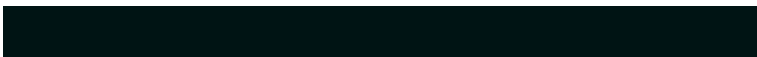
55, 21.784, 263.840



35, 3.410, 201.690



54, 32.040, 201.174



5, 6.300, 203.122

Inverse Universe

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



52, 43.495, 327.375



64, 63.786, 327.796



59, 24.038, 72.283



33, 6.299, 325.742



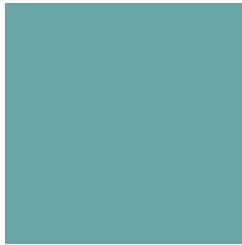
35, 75.219, 329.451



2, 11.339, 325.595

Previews

White Background



This preview shows how the CIELCh color 64, 21.288, 200.656 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, 21.288, 200.656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

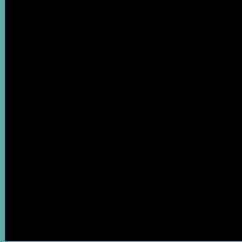
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 21.288, 200.656

Background



This preview shows how black text looks on a background with the CIELCh color 64, 21.288, 200.656.




This preview shows how white text looks on a background with the CIELCh color 64, 21.288, 200.656.

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, 20.520, 218.767

Trichromacy



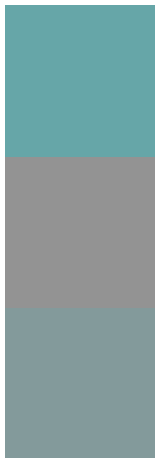
Original Color
64, 21.288, 200.656

Protanomaly
64, 8.408, 218.252

Deuteranomaly
64, 9.572, 254.107

Tritanomaly
64, 20.713, 211.923

Monochromacy



Original Color
64, 21.288, 200.656

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 8.484, 202.497

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 21.288, 200.656 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(102, 166, 168)` looks like.

```
.text, #text, p{  
    color:rgb(102, 166, 168)  
}
```

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(102, 166, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 166, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 21.288, 200.656 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(102, 166, 168) }
```

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

```
.border{ border-color:rgb(102, 166, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 166, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 166, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 166, 168);  
box-shadow:4px 4px 4px 4px rgb(102, 166,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 21.288, 200.656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 166, 168) }
```

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

```
.background{ background-color: rgb(102,  
166, 168) }
```

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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