

Converting Colors

CIELCh(64, 21.945, 248.724)

Have a look what the booklet for
CIELCh(64, 21.945, 248.724)
contains.

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Color

CIELCh(64, 21.933, 248.681)

Conversions

Conversions Part 1

Format	Color
Hex	72A1BF
RGB	114, 161, 191
RGB Percent	45%, 63%, 75%
CMY	0.5532, 0.3688, 0.2512
CMYK	0.40, 0.16, 0.00, 0.25
HSL	203°, 38%, 60%
HSV	203°, 40%, 75%
XYZ	29.0638, 32.8017, 54.0546
YIQ	150.3670, -37.6420, -0.6340

Conversions

Conversions Part 2

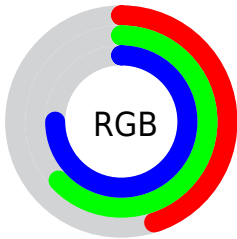
Format	Color
RYB	114, 143, 191
Decimal	7512511
CIELab	64.00, -7.97, -20.43
CIElCh	64, 21.933, 248.681
Yxy	32.8017, 0.2507, 0.2830
Android (android.graphics.Color)	4285702591 (0xFF72A1BF)
YUV	150.3670, 20.0321, -31.8939
Hunter-Lab	57.2727, -9.6452, -15.8676

Details

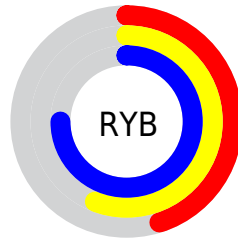
The CIELCh color **64, 21.933, 248.681** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **64, 26.690, 58.824**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 21.658, 248.059**, and **44, 21.978, 248.511** is the 20% darker color. If you saturate the color by 10%, you get **61, 26.710, 251.084**, and if you desaturate by 10%, it is **67, 16.850, 246.712**.

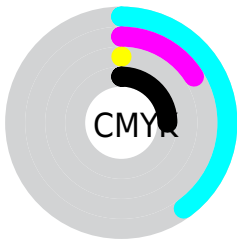
Distribution



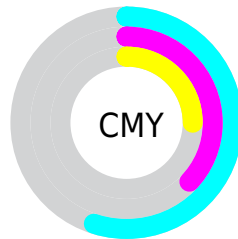
- Red (45%)
- Green (63%)
- Blue (75%)



- Red (45%)
- Yellow (56%)
- Blue (75%)



- Cyan (40%)
- Magenta (16%)
- Yellow (0%)
- Black (25%)





- Cyan (55%)
- Magenta (37%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 21.933, 248.681 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, 21.933, 248.681 by changing the saturation by 10% instead.


 64, 21.933,
248.681


 64, 21.933,
248.681


 100, 21.933,
248.681


 54, 21.933,
248.681


 84, 21.933,
248.681

 44, 21.933,
248.681

 94, 21.933,
248.681

 34, 21.933,
248.681

 24, 21.933,
248.681

 14, 21.933,
248.681

 4, 21.933, 248.681

 0, 21.933, 248.681

■ 64, 21.933,
248.681

■ 64, 21.933,
248.681

■ 61, 26.710,
251.084

■ 67, 16.850,
246.712

■ 58, 31.160,
254.001

■ 70, 11.502,
245.110

■ 55, 35.293,
257.497

■ 74, 5.935, 243.822

■ 52, 39.163,
261.596

■ 77, 0.194, 244.907

■ 81, 5.679, 61.683

■ 50, 42.878,
266.252

■ 84, 11.647, 60.973

■ 47, 46.501,
271.010

■ 88, 17.678, 60.356

■ 90, 20.390, 68.066

■ 92, 21.780, 79.956

Harmonies

Complementary

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



64, 21.933, 248.681



64, 26.690, 58.824

Rectangle

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



64, 21.933, 248.681



64, 21.933, 298.681



64, 21.933, 68.681



64, 21.933, 118.681

Sweetspot

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



64, 21.932, 248.679



92, 8.489, 244.039



71, 38.164, 154.169



49, 5.665, 244.199



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



64, 21.932, 248.679



78, 31.563, 250.676



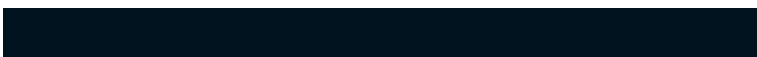
53, 39.279, 290.793



38, 3.231, 243.714



39, 39.999, 270.222



5, 10.364, 257.469

Inverse Universe

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



58, 38.880, 341.569



69, 56.503, 342.486



73, 36.361, 100.636



37, 5.374, 338.803



34, 61.562, 351.617



3, 14.977, 345.055

Previews

White Background



This preview shows how the CIELCh color 64, 21.933, 248.681 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, 21.933, 248.681 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

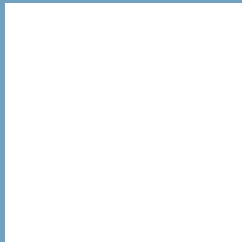
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 21.933, 248.681

Background



This preview shows how black text looks on a background with the CIELCh color 64, 21.933, 248.681.

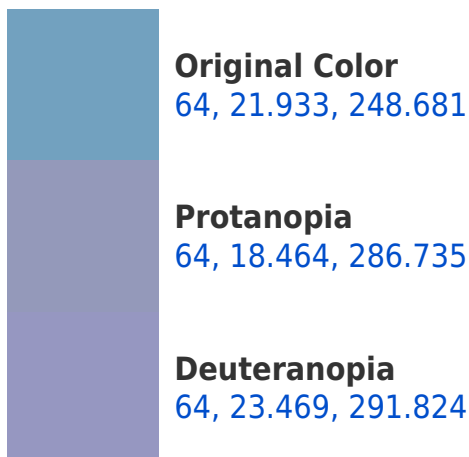



This preview shows how white text looks on a background with the CIELCh color 64, 21.933, 248.681.

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, 18.866, 222.722

Trichromacy



Original Color
64, 21.933, 248.681

Protanomaly
64, 18.865, 271.051

Deuteranomaly
64, 21.303, 275.936

Tritanomaly
64, 19.603, 233.217

Monochromacy



Original Color
64, 21.933, 248.681

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 8.589, 245.034

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 21.933, 248.681 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(114, 161, 191)` looks like.

```
.text, #text, p{  
    color:rgb(114, 161, 191)  
}
```

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(114, 161, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 161, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 21.933, 248.681 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(114, 161, 191) }
```

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

```
.border{ border-color:rgb(114, 161, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 161, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 161, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 161, 191);  
box-shadow:4px 4px 4px 4px rgb(114, 161,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 21.933, 248.681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 161, 191) }
```

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

```
.background{ background-color: rgb(114,  
161, 191) }
```

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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