

Converting Colors

CIELCh(64, 24.412, 227.788)

Have a look what the booklet for
CIELCh(64, 24.412, 227.788)
contains.

CIELCh(64, 24.416, 228.292)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(64, 24.416, 228.292)

Conversions

Conversions Part 1

Format	Color
Hex	5EA5BB
RGB	94, 165, 187
RGB Percent	37%, 65%, 73%
CMY	0.6320, 0.3536, 0.2673
CMYK	0.50, 0.12, 0.00, 0.27
HSL	194°, 41%, 55%
HSV	194°, 50%, 73%
XYZ	26.9751, 32.8017, 51.8285
YIQ	146.2790, -49.3780, -8.2100

Conversions

Conversions Part 2

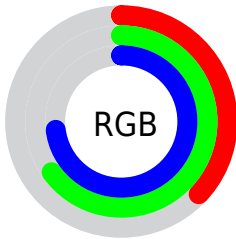
Format	Color
RYB	94, 134, 187
Decimal	6202811
CIELab	64.00, -16.24, -18.23
CIElCh	64, 24.416, 228.292
Yxy	32.8017, 0.2417, 0.2939
Android (android.graphics.Color)	4284392891 (0xFF5EA5BB)
YUV	146.2790, 20.0755, -45.8487
Hunter-Lab	57.2727, -16.1550, -13.5631

Details

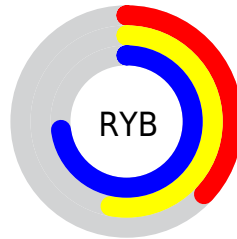
The CIELCh color **64, 24.416, 228.292** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **56, 34.980, 43.077**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 24.339, 228.274**, and **44, 24.462, 228.699** is the 20% darker color. If you saturate the color by 10%, you get **62, 27.848, 230.163**, and if you desaturate by 10%, it is **66, 20.394, 226.841**.

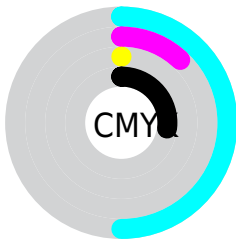
Distribution



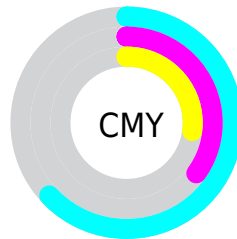
- Red (37%)
- Green (65%)
- Blue (73%)



- Red (37%)
- Yellow (53%)
- Blue (73%)



- Cyan (50%)
- Magenta (12%)
- Yellow (0%)
- Black (27%)



- Cyan (63%)
- Magenta (35%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 24.416, 228.292 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, 24.416, 228.292 by changing the saturation by 10% instead.

 64, 24.416,
228.292

 64, 24.416,
228.292


 100, 24.416,
228.292


 54, 24.416,
228.292


 84, 24.416,
228.292

 44, 24.416,
228.292


 94, 24.416,
228.292

 34, 24.416,
228.292

 24, 24.416,
228.292

 14, 24.416,
228.292

 4, 24.416, 228.292

 0, 24.416, 228.292

■ 64, 24.416,
228.292

■ 64, 24.416,
228.292

■ 62, 27.848,
230.163

■ 66, 20.394,
226.841

■ 60, 30.651,
232.547

■ 68, 15.851,
225.735

■ 58, 32.826,
235.529

■ 71, 10.864,
224.908

■ 57, 34.437,
239.174

■ 73, 5.515, 224.327

■ 55, 35.691,
243.368

■ 76, 0.125, 39.735

■ 79, 5.989, 43.364

■ 55, 35.719,
243.460

■ 81, 12.020, 43.181

■ 84, 18.173, 43.049

■ 86, 21.842, 45.594

Harmonies

Complementary

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



64, 24.416, 228.292



56, 34.980, 43.077

Rectangle

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



64, 24.416, 228.292



64, 24.416, 278.292



64, 24.416, 48.292



64, 24.416, 98.292

Sweetspot

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



64, 24.415, 228.290



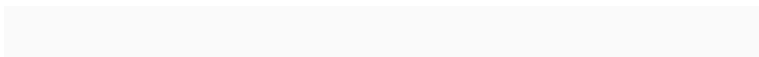
91, 10.304, 224.613



69, 51.467, 147.243



48, 7.046, 224.745



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



64, 24.415, 228.290



78, 34.290, 230.419



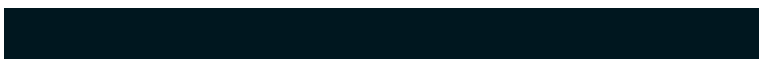
51, 40.044, 284.717



39, 3.225, 224.308



47, 31.482, 242.833



7, 9.470, 235.017

Inverse Universe

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



53, 51.397, 335.312



63, 74.115, 336.233



67, 38.598, 89.833



37, 5.994, 332.402



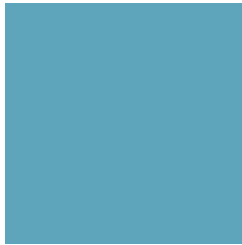
35, 67.550, 340.281



3, 17.022, 336.204

Previews

White Background



This preview shows how the CIELCh color 64, 24.416, 228.292 looks on a white background.

Color Contrast Check

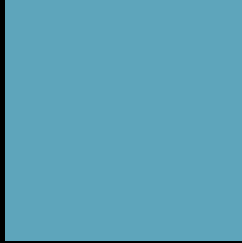
Large Text (above 18pt) WCAG AA × Fail

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, 24.416, 228.292 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, 24.416, 228.292

Background



This preview shows how black text looks on a background with the CIELCh color 64, 24.416, 228.292.

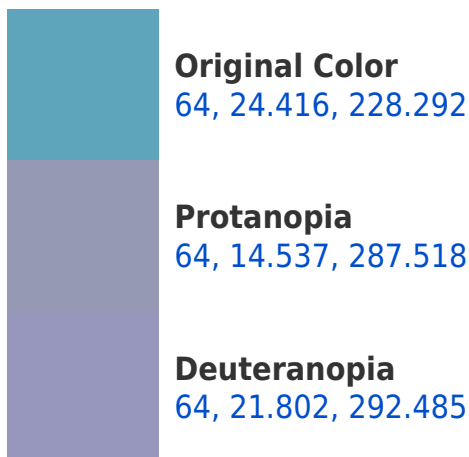


This preview shows how white text looks on a background with the CIELCh color 64, 24.416, 228.292.

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, 24.135, 215.236

Trichromacy



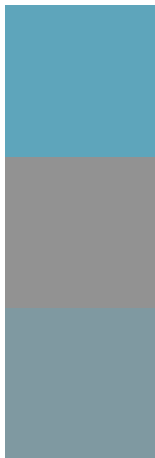
Original Color
64, 24.416, 228.292

Protanomaly
64, 16.420, 257.622

Deuteranomaly
64, 20.050, 266.546

Tritanomaly
64, 24.172, 219.527

Monochromacy



Original Color
64, 24.416, 228.292

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 10.246, 224.830

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 24.416, 228.292 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(94, 165, 187)` looks like.

```
.text, #text, p{  
    color:rgb(94, 165, 187)  
}
```

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(94, 165, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 165, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 24.416, 228.292 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(94, 165, 187) }
```

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

```
.border{ border-color:rgb(94, 165, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 165, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 165, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 165, 187);  
box-shadow:4px 4px 4px 4px rgb(94, 165,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 24.416, 228.292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 165, 187) }
```

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

```
.background{ background-color: rgb(94, 165,  
187) }
```

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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