

Converting Colors

CIELCh(64, 13.735, 225.177)

Have a look what the booklet for
CIELCh(64, 13.735, 225.177)
contains.

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Color

CIELCh(64, 13.727, 225.164)

Conversions

Conversions Part 1

Format	Color
Hex	7DA1AC
RGB	125, 161, 172
RGB Percent	49%, 63%, 67%
CMY	0.5100, 0.3688, 0.3257
CMYK	0.27, 0.06, 0.00, 0.33
HSL	194°, 22%, 58%
HSV	194°, 27%, 67%
XYZ	28.6248, 32.8017, 43.8233
YIQ	151.4900, -24.9870, -4.2110

Conversions

Conversions Part 2

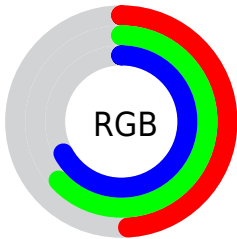
Format	Color
RYB	125, 145, 172
Decimal	8233388
CIELab	64.00, -9.68, -9.73
CIElCh	64, 13.727, 225.164
Yxy	32.8017, 0.2720, 0.3117
Android (android.graphics.Color)	4286423468 (0xFF7DA1AC)
YUV	151.4900, 10.1114, -23.2317
Hunter-Lab	57.2727, -11.0135, -5.2759

Details

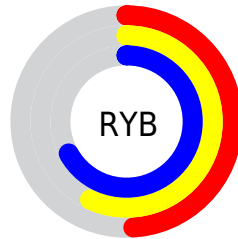
The CIELCh color `64, 13.727, 225.164` is a light color, and the websafe version is hex `669999`. A complement of this color would be `60, 16.399, 42.730`, and the grayscale version is `63, 0.008, 296.813`.

A 20% lighter version of the original color is `84, 13.574, 224.069`, and `44, 13.838, 226.861` is the 20% darker color. If you saturate the color by 10%, you get `62, 18.089, 226.162`, and if you desaturate by 10%, it is `66, 8.970, 224.415`.

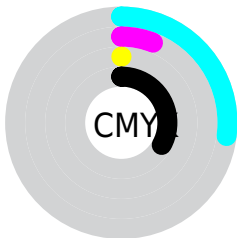
Distribution



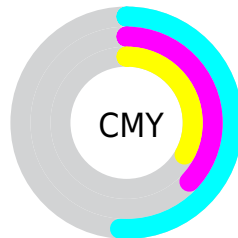
- Red (49%)
- Green (63%)
- Blue (67%)



- Red (49%)
- Yellow (57%)
- Blue (67%)



- Cyan (27%)
- Magenta (6%)
- Yellow (0%)
- Black (33%)





- Cyan (51%)
- Magenta (37%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 13.727, 225.164 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, 13.727, 225.164 by changing the saturation by 10% instead.


 64, 13.727,
225.164


 64, 13.727,
225.164


 100, 13.727,
225.164


 54, 13.727,
225.164


 84, 13.727,
225.164

 44, 13.727,
225.164

 94, 13.727,
225.164

 34, 13.727,
225.164

 24, 13.727,
225.164

 14, 13.727,
225.164

 4, 13.727, 225.164

 0, 13.727, 225.164

64, 13.727,
225.164

64, 13.727,
225.164

62, 18.089,
226.162

66, 8.970, 224.415

60, 21.983,
227.484

69, 3.892, 223.921

71, 1.441, 43.058

58, 25.343,
229.198

73, 6.969, 43.032

56, 28.120,
231.389

76, 12.643, 42.868

79, 18.422, 42.758

54, 30.304,
234.144

81, 24.272, 42.699

53, 31.935,
237.536

83, 27.322, 44.870

84, 26.864, 50.027

52, 33.144,
241.548

51, 33.463,

242.632

Harmonies

Complementary

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



64, 13.727, 225.164



60, 16.399, 42.730

Rectangle

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



64, 13.727, 225.164



64, 13.727, 275.164



64, 13.727, 45.164



64, 13.727, 95.164

Sweetspot

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



64, 13.727, 225.159



87, 5.262, 223.948



66, 26.874, 149.684



46, 3.722, 224.006



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, 13.727, 225.159



80, 20.138, 225.753



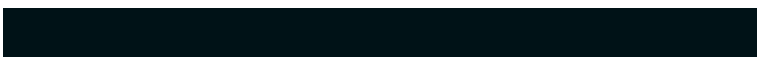
57, 19.969, 279.994



35, 3.011, 223.993



45, 30.264, 242.105



4, 6.390, 233.288

Inverse Universe

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



58, 27.021, 333.528



71, 40.435, 333.973



66, 19.688, 92.782



34, 5.599, 332.301



33, 65.298, 340.059



2, 11.096, 334.848

Previews

White Background



This preview shows how the CIELCh color 64, 13.727, 225.164 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, 13.727, 225.164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

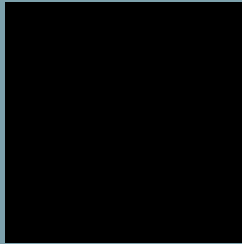
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 13.727, 225.164

Background



This preview shows how black text looks on a background with the CIELCh color 64, 13.727, 225.164.



This preview shows how white text looks on a background with the CIELCh color 64, 13.727, 225.164.

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, 13.727, 225.164

Protanopia
64, 7.256, 290.961

Deuteranopia
64, 13.418, 307.393



Tritanopia
64, 14.155, 229.485

Trichromacy



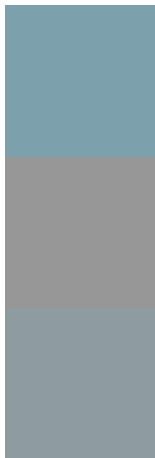
Original Color
64, 13.727, 225.164

Protanomaly
64, 8.290, 253.174

Deuteranomaly
64, 10.297, 277.047

Tritanomaly
64, 13.932, 227.357

Monochromacy



Original Color
64, 13.727, 225.164

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 5.279, 224.212

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 13.727, 225.164 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(125, 161, 172)` looks like.

```
.text, #text, p{  
    color:rgb(125, 161, 172)  
}
```

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(125, 161, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 161, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 13.727, 225.164 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(125, 161, 172) }
```

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

```
.border{ border-color:rgb(125, 161, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 161, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 161, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 161, 172);  
box-shadow:4px 4px 4px 4px rgb(125, 161,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 13.727, 225.164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 161, 172) }
```

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

```
.background{ background-color: rgb(125,  
161, 172) }
```

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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