

Converting Colors

CIELCh(65, 14.794, 277.993)

Have a look what the booklet for
CIELCh(65, 14.794, 277.993)
contains.

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Color

CIELCh(65, 14.778, 277.977)

Conversions

Conversions Part 1

Format	Color
Hex	949EB8
RGB	148, 158, 184
RGB Percent	58%, 62%, 72%
CMY	0.4209, 0.3817, 0.2798
CMYK	0.20, 0.14, 0.00, 0.28
HSL	223°, 20%, 65%
HSV	223°, 20%, 72%
XYZ	32.9344, 34.0472, 49.9902
YIQ	157.9740, -14.3060, 5.9660

Conversions

Conversions Part 2

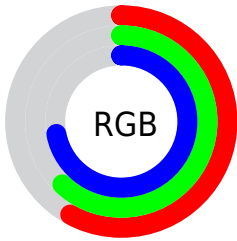
Format	Color
R_{YB}	148, 156, 184
Decimal	9739960
CIE Lab	65.00, 2.05, -14.64
CIE LCh	65, 14.778, 277.977
Yxy	34.0472, 0.2816, 0.2911
Android (android.graphics.Color)	4287930040 (0xFF949EB8)
YUV	157.9740, 12.8308, -8.7472
Hunter-Lab	58.3500, -1.3618, -9.9506

Details

The CIELCh color $65, 14.778, 277.977$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $71, 14.663, 92.924$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 14.588, 276.627$, and $45, 14.656, 277.759$ is the 20% darker color. If you saturate the color by 10%, you get $60, 22.567, 279.664$, and if you desaturate by 10%, it is $70, 7.162, 276.535$.

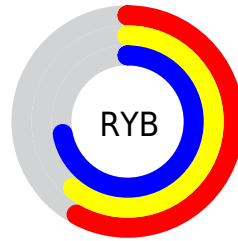
Distribution



Red (58%)

Green (62%)

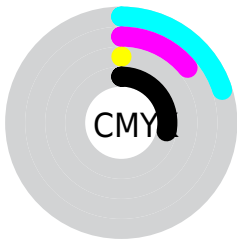
Blue (72%)



Red (58%)

Yellow (61%)

Blue (72%)

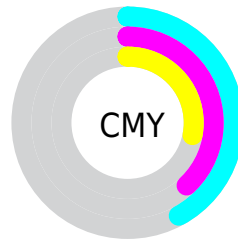


Cyan (20%)

Magenta (14%)

Yellow (0%)

Black (28%)



Cyan (42%)

Magenta (38%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 14.778, 277.977 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 65, 14.778, 277.977 by changing the saturation by 10% instead.

■ 65, 14.778,
277.977

■ 65, 14.778,
277.977

■ 100, 14.778,
277.977

■ 55, 14.778,
277.977

■ 85, 14.778,
277.977

■ 45, 14.778,
277.977

■ 95, 14.778,
277.977

■ 35, 14.778,
277.977

■ 25, 14.778,
277.977

■ 15, 14.778,
277.977

■ 5, 14.778, 277.977

■ 0, 14.778, 277.977

65, 14.778,
277.977

65, 14.778,
277.977

60, 22.567,
279.664

70, 7.162, 276.535

55, 30.548,
281.639

75, 0.289, 94.596

50, 38.743,
283.934

80, 7.581, 94.153

46, 47.180,
286.573

85, 14.719, 93.227

41, 55.880,
289.544

89, 21.707, 92.409

37, 64.818,
292.775

94, 28.243, 93.857

33, 73.852,
296.118

97, 33.767,
104.623

29, 82.655,

99, 35.850,
107.446

299.275

■ 29, 83.000,
299.389

Harmonies

Complementary

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



65, 14.778, 277.977



71, 14.663, 92.924

Rectangle

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



65, 14.778, 277.977



65, 14.778, 327.977



65, 14.778, 97.977



65, 14.778, 147.977

Sweetspot

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



65, 14.777, 277.974



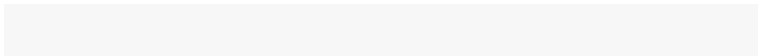
91, 5.542, 276.092



72, 14.264, 175.311



48, 3.676, 276.171



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



65, 14.777, 277.974



80, 22.589, 278.753



63, 20.419, 300.077



36, 4.226, 276.501



24, 72.478, 298.965



2, 12.360, 280.321

Inverse Universe

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



65, 15.104, 359.472



80, 23.174, 0.063



73, 19.600, 117.349



36, 4.275, 358.327



32, 60.997, 22.246



2, 11.133, 3.005

Previews

White Background



This preview shows how the CIE LCh color 65, 14.778, 277.977 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 65, 14.778, 277.977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

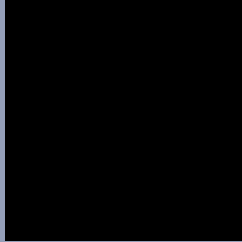
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 14.778, 277.977

Background



This preview shows how black text looks on a background with the CIELCh color 65, 14.778, 277.977.



This preview shows how white text looks on a background with the CIELCh color 65, 14.778, 277.977.

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

65, 14.778, 277.977

Protanopia

65, 15.040, 287.710

Deuteranopia

65, 16.886, 299.203



Tritanopia
65, 8.265, 253.138

Trichromacy



Original Color
65, 14.778, 277.977

Protanomaly
65, 14.563, 283.335

Deuteranomaly
65, 16.159, 293.130

Tritanomaly
65, 10.275, 266.468

Monochromacy



Original Color
65, 14.778, 277.977

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 5.193, 274.129

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 14.778, 277.977 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(148, 158, 184)` looks like.

```
.text, #text, p{  
    color:rgb(148, 158, 184)  
}
```

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(148, 158, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 158, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 14.778, 277.977 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(148, 158, 184) }
```

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

```
.border{ border-color:rgb(148, 158, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 158, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 158, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 158, 184);  
box-shadow:4px 4px 4px 4px rgb(148, 158,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 14.778, 277.977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 158, 184) }
```

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

```
.background{ background-color: rgb(148,  
158, 184) }
```

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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