

Converting Colors

CIELCh(61, 24.434, 275.632)

Have a look what the booklet for
CIELCh(61, 24.434, 275.632)
contains.

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Color

CIELCh(61, 24.434, 275.632)

Conversions

Conversions Part 1

Format	Color
Hex	7E94BE
RGB	126, 148, 190
RGB Percent	49%, 58%, 75%
CMY	0.5066, 0.4204, 0.2557
CMYK	0.34, 0.22, 0.00, 0.26
HSL	219°, 33%, 62%
HSV	219°, 34%, 74%
XYZ	28.4064, 29.2481, 52.7459
YIQ	146.2100, -26.5940, 8.3980

Conversions

Conversions Part 2

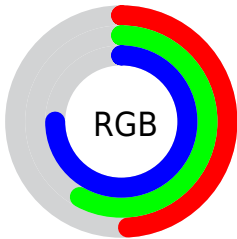
Format	Color
R_{YB}	126, 142, 190
Decimal	8295614
CIE _{Lab}	61.00, 2.40, -24.32
CIE _{LCh}	61, 24.434, 275.632
Yxy	29.2481, 0.2573, 0.2649
Android (android.graphics.Color)	4286485694 (0xFF7E94BE)
YUV	146.2100, 21.5885, -17.7242
Hunter-Lab	54.0815, -0.8854, -19.9686

Details

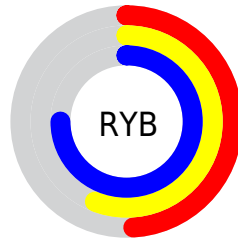
The CIELCh color `61, 24.434, 275.632` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `70, 24.718, 85.926`, and the grayscale version is `60, 0.008, 296.813`.

A 20% lighter version of the original color is `81, 24.194, 275.208`, and `41, 23.961, 274.454` is the 20% darker color. If you saturate the color by 10%, you get `56, 31.920, 277.833`, and if you desaturate by 10%, it is `66, 17.063, 273.749`.

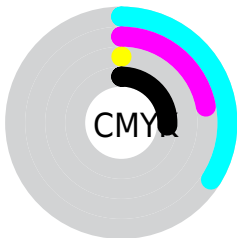
Distribution



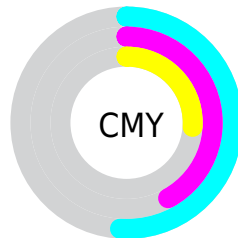
- Red (49%)
- Green (58%)
- Blue (75%)



- Red (49%)
- Yellow (56%)
- Blue (75%)



- Cyan (34%)
- Magenta (22%)
- Yellow (0%)
- Black (26%)





- Cyan (51%)
- Magenta (42%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 24.434, 275.632 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 61, 24.434, 275.632 by changing the saturation by 10% instead.


 61, 24.434,
275.632


 61, 24.434,
275.632


 100, 24.434,
275.632


 51, 24.434,
275.632


 81, 24.434,
275.632

 41, 24.434,
275.632

 91, 24.434,
275.632

 31, 24.434,
275.632

 21, 24.434,
275.632

 11, 24.434,
275.632

 1, 24.434, 275.632

 0, 24.434, 275.632

61, 24.434,
275.632

61, 24.434,
275.632

56, 31.920,
277.833

66, 17.063,
273.749

52, 39.546,
280.394

70, 9.800, 272.146

75, 2.641, 270.828

47, 47.343,
283.332

80, 4.413, 89.491

43, 55.345,
286.630

85, 11.361, 88.491

39, 63.563,
290.203

89, 18.200, 87.598

94, 24.425, 89.914

35, 71.925,
293.887

97, 29.344,
102.238

33, 77.184,
296.075

99, 32.811,
107.680

Harmonies

Complementary

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



61, 24.434, 275.632



70, 24.718, 85.926

Rectangle

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



61, 24.434, 275.632



61, 24.434, 325.632



61, 24.434, 95.632



61, 24.434, 145.632

Sweetspot

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



61, 24.433, 275.631



91, 8.840, 271.639



72, 25.862, 169.230



48, 6.086, 271.838



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



61, 24.433, 275.631



74, 36.132, 277.122



56, 36.918, 299.215



37, 4.019, 271.527



27, 66.445, 295.551



3, 13.349, 278.312

Inverse Universe

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



60, 27.995, 356.717



73, 41.361, 357.768



75, 34.107, 113.560



37, 4.523, 353.805



33, 60.069, 16.327



3, 13.020, 0.378

Previews

White Background



This preview shows how the CIELCh color 61, 24.434, 275.632 looks on a white background.

Color Contrast Check

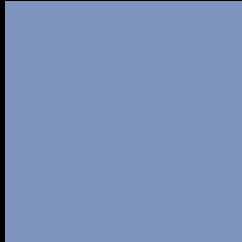
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 24.434, 275.632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

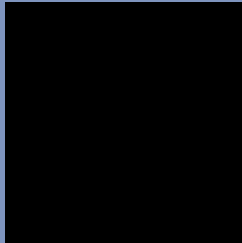
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

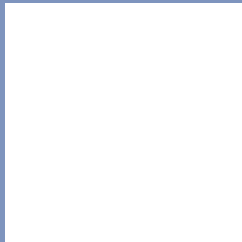
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 24.434, 275.632

Background



This preview shows how black text looks on a background with the CIELCh color 61, 24.434, 275.632.



This preview shows how white text looks on a background with the CIELCh color 61, 24.434, 275.632.

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

61, 24.434, 275.632

Protanopia

61, 24.328, 285.699

Deuteranopia

61, 26.512, 288.740



Tritanopia
61, 13.153, 232.595

Trichromacy



Original Color
61, 24.434, 275.632

Protanomaly
61, 24.507, 281.897

Deuteranomaly
61, 26.059, 284.980

Tritanomaly
61, 16.253, 255.608

Monochromacy



Original Color
61, 24.434, 275.632

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 8.879, 271.869

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 24.434, 275.632 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(126, 148, 190)` looks like.

```
.text, #text, p{  
    color:rgb(126, 148, 190)  
}
```

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(126, 148, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 148, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 24.434, 275.632 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(126, 148, 190) }
```

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

```
.border{ border-color:rgb(126, 148, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 148, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 148, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 148, 190);  
box-shadow:4px 4px 4px 4px rgb(126, 148,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 24.434, 275.632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 148, 190) }
```

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

```
.background{ background-color: rgb(126,  
148, 190) }
```

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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