

Converting Colors

CIELCh(61, 25.479, 206.277)

Have a look what the booklet for
CIELCh(61, 25.479, 206.277)
contains.

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Color

CIELCh(61, 25.495, 206.268)

Conversions

Conversions Part 1

Format	Color
Hex	4D9FA6
RGB	77, 159, 166
RGB Percent	30%, 62%, 65%
CMY	0.6968, 0.3753, 0.3479
CMYK	0.54, 0.04, 0.00, 0.35
HSL	185°, 37%, 48%
HSV	185°, 54%, 65%
XYZ	22.4413, 29.2481, 40.6759
YIQ	135.2800, -51.1190, -15.2070

Conversions

Conversions Part 2

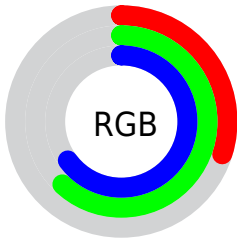
Format	Color
RYB	77, 120, 166
Decimal	5087142
CIELab	61.00, -22.86, -11.28
CIElCh	61, 25.495, 206.268
Yxy	29.2481, 0.2430, 0.3167
Android (android.graphics.Color)	4283277222 (0xFF4D9FA6)
YUV	135.2800, 15.1450, -51.1116
Hunter-Lab	54.0815, -20.5735, -6.7362

Details

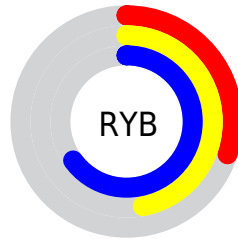
The CIELCh color **61, 25.495, 206.268** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **46, 38.341, 30.702**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 25.564, 206.127**, and **41, 25.423, 206.375** is the 20% darker color. If you saturate the color by 10%, you get **60, 28.422, 206.649**, and if you desaturate by 10%, it is **62, 21.871, 206.056**.

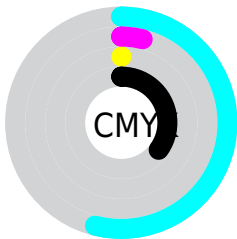
Distribution



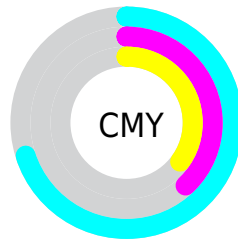
- Red (30%)
- Green (62%)
- Blue (65%)



- Red (30%)
- Yellow (47%)
- Blue (65%)



- Cyan (54%)
- Magenta (4%)
- Yellow (0%)
- Black (35%)





- Cyan (70%)
- Magenta (38%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 25.495, 206.268 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, 25.495, 206.268 by changing the saturation by 10% instead.


 61, 25.495,
206.268


 61, 25.495,
206.268


 100, 25.495,
206.268


 51, 25.495,
206.268


 81, 25.495,
206.268

 41, 25.495,
206.268

 91, 25.495,
206.268

 31, 25.495,
206.268

 21, 25.495,
206.268

 11, 25.495,
206.268

 1, 25.495, 206.268

 0, 25.495, 206.268

61, 25.495,
206.268

61, 25.495,
206.268

60, 28.422,
206.649

62, 21.871,
206.056

59, 30.608,
207.232

63, 17.624,
205.993

59, 32.044,
208.043

65, 12.840,
206.056

58, 32.776,
209.104

66, 7.611, 206.232

58, 33.029,
209.878

68, 2.027, 206.638

69, 3.830, 26.563

71, 9.889, 26.980

73, 16.091, 27.373

75, 22.384, 27.781

Harmonies

Complementary

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



61, 25.495, 206.268



46, 38.341, 30.702

Rectangle

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



61, 25.495, 206.268



61, 25.495, 256.268



61, 25.495, 26.268



61, 25.495, 76.268

Sweetspot

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



61, 25.495, 206.266



83, 11.096, 206.171



61, 56.331, 141.775



44, 7.506, 206.134



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



61, 25.495, 206.266



76, 35.134, 206.732



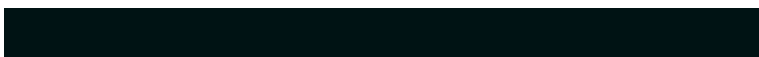
48, 31.197, 272.560



35, 3.257, 206.349



52, 30.328, 209.735



5, 5.938, 209.457

Inverse Universe

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



47, 55.430, 329.599



57, 79.136, 330.175



56, 34.033, 75.244



33, 6.093, 327.130



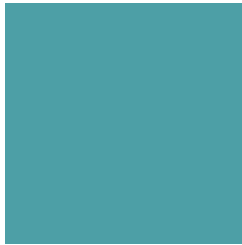
34, 72.463, 331.569



2, 10.833, 327.521

Previews

White Background



This preview shows how the CIE LCh color 61, 25.495, 206.268 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, 25.495, 206.268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

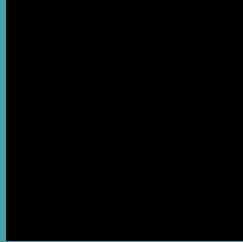
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 25.495, 206.268

Background



This preview shows how black text looks on a background with the CIELCh color 61, 25.495, 206.268.

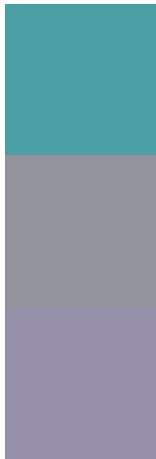


This preview shows how white text looks on a background with the CIELCh color 61, 25.495, 206.268.

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, 25.495, 206.268

Protanopia
61, 7.351, 293.921

Deuteranopia
61, 15.438, 299.966



Tritanopia
61, 24.924, 214.711

Trichromacy



Original Color
61, 25.495, 206.268



Protanomaly
60, 11.833, 230.434



Deuteranomaly
60, 14.193, 251.868



Tritanomaly
61, 25.052, 211.862

Monochromacy



Original Color
61, 25.495, 206.268



Achromatopsia
57, 0.007, 296.813



Achromatomaly
58, 10.679, 207.707

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 25.495, 206.268 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(77, 159, 166)` looks like.

```
.text, #text, p{  
    color:rgb(77, 159, 166)  
}
```

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(77, 159, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 159, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 25.495, 206.268 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(77, 159, 166) }
```

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

```
.border{ border-color:rgb(77, 159, 166) }
```

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

Here you see how a box with a 4 pixel rgb(77, 159, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 159, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 159, 166);  
box-shadow:4px 4px 4px 4px rgb(77, 159,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 25.495, 206.268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 159, 166) }
```

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

```
.background{ background-color: rgb(77, 159,  
166) }
```

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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