

Converting Colors

CIELCh(60, 24.256, 185.073)

Have a look what the booklet for
CIELCh(60, 24.256, 185.073)
contains.

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Color

CIELCh(60, 24.425, 185.124)

Conversions

Conversions Part 1

Format	Color
Hex	579D94
RGB	87, 157, 148
RGB Percent	34%, 62%, 58%
CMY	0.6603, 0.3858, 0.4210
CMYK	0.45, 0.00, 0.06, 0.39
HSL	172°, 29%, 48%
HSV	172°, 45%, 61%
XYZ	21.2065, 28.1233, 32.1765
YIQ	135.0440, -38.8310, -17.6390

Conversions

Conversions Part 2

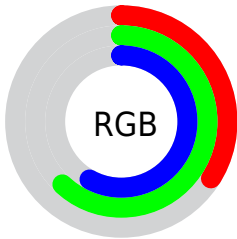
Format	Color
RYB	87, 124, 157
Decimal	5741972
CIELab	60.00, -24.33, -2.18
CIElCh	60, 24.425, 185.124
Yxy	28.1233, 0.2602, 0.3450
Android (android.graphics.Color)	4283932052 (0xFF579D94)
YUV	135.0440, 6.3873, -42.1346
Hunter-Lab	53.0314, -21.4255, 1.1482

Details

The CIELCh color `60, 24.425, 185.124` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `45, 30.838, 14.338`, and the grayscale version is `56, 0.007, 296.813`.

A 20% lighter version of the original color is `80, 24.452, 184.995`, and `40, 24.473, 184.909` is the 20% darker color. If you saturate the color by 10%, you get `59, 28.645, 184.183`, and if you desaturate by 10%, it is `61, 19.640, 186.015`.

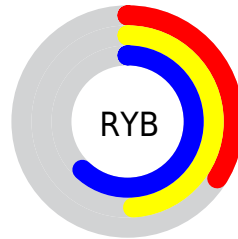
Distribution



Red (34%)

Green (62%)

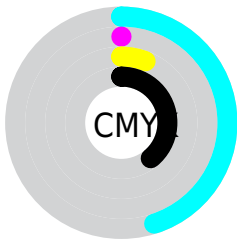
Blue (58%)



Red (34%)

Yellow (49%)

Blue (62%)

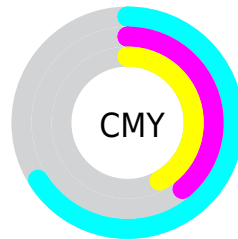


Cyan (45%)

Magenta (0%)

Yellow (6%)

Black (39%)



Cyan (66%)


Magenta (39%)


Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 24.425, 185.124 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 60, 24.425, 185.124 by changing the saturation by 10% instead.


 60, 24.425,
185.124


 60, 24.425,
185.124


 100, 24.425,
185.124


 50, 24.425,
185.124


 80, 24.425,
185.124

 40, 24.425,
185.124

 90, 24.425,
185.124

 30, 24.425,
185.124

 20, 24.425,
185.124

 10, 24.425,
185.124

 0, 24.425, 185.124

 60, 24.425,

 60, 24.425,

185.124

185.124

■ 59, 28.645,
184.183

■ 61, 19.640,
186.015

■ 59, 32.221,
183.183

■ 62, 14.383,
186.877

■ 58, 35.101,
182.103

■ 63, 8.752, 187.723

■ 58, 37.273,
180.924

■ 64, 2.842, 188.632

■ 65, 3.263, 9.127

■ 58, 38.779,
179.631

■ 67, 9.488, 9.985

■ 58, 39.455,
178.935

■ 68, 15.773, 10.758

■ 70, 22.069, 11.505

■ 72, 28.341, 12.233

Harmonies

Complementary

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



60, 24.425, 185.124



45, 30.838, 14.338

Rectangle

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



60, 24.425, 185.124



60, 24.425, 235.124



60, 24.425, 5.124



60, 24.425, 55.124

Sweetspot

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



60, 24.425, 185.122



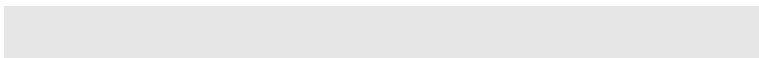
80, 9.631, 187.845



59, 45.628, 138.016



42, 6.697, 187.669



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



60, 24.425, 185.122



76, 35.017, 184.148



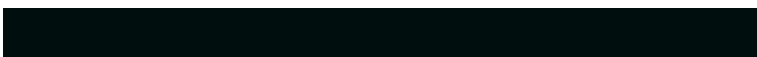
53, 20.173, 246.356



33, 3.428, 188.191



53, 36.831, 179.056



3, 4.595, 186.879

Inverse Universe

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



45, 30.838, 14.338



54, 46.950, 16.570



51, 25.520, 56.109



31, 3.580, 9.563



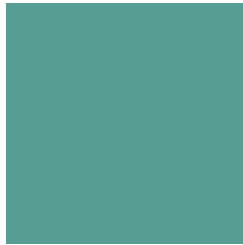
29, 62.538, 33.190



1, 4.553, 9.377

Previews

White Background



This preview shows how the CIELCh color 60, 24.425, 185.124 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 60, 24.425, 185.124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

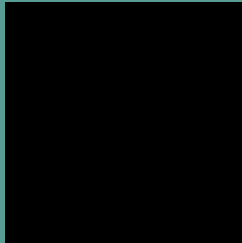
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 24.425, 185.124

Background



This preview shows how black text looks on a background with the CIELCh color 60, 24.425, 185.124.

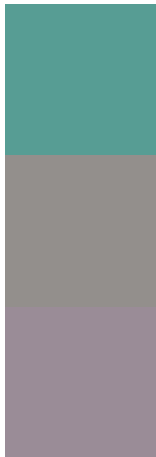


This preview shows how white text looks on a background with the CIELCh color 60, 24.425, 185.124.

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
60, 24.425, 185.124

Protanopia
60, 2.297, 66.662

Deuteranopia
60, 8.275, 331.559



Tritanopia
60, 20.917, 216.838

Trichromacy



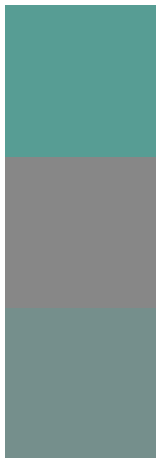
Original Color
60, 24.425, 185.124

Protanomaly
59, 9.186, 180.596

Deuteranomaly
59, 6.332, 219.949

Tritanomaly
60, 21.470, 203.643

Monochromacy



Original Color
60, 24.425, 185.124

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 9.937, 188.532

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 24.425, 185.124 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(87, 157, 148)` looks like.

```
.text, #text, p{  
    color:rgb(87, 157, 148)  
}
```

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(87, 157, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 157, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 24.425, 185.124 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(87, 157, 148) }
```

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

```
.border{ border-color:rgb(87, 157, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 157, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 157, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 157, 148);  
box-shadow:4px 4px 4px 4px rgb(87, 157,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 24.425, 185.124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 157, 148) }
```

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

```
.background{ background-color: rgb(87, 157,  
148) }
```

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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