

Converting Colors

CIELCh(24, 11.859, 173.552)

Have a look what the booklet for
CIELCh(24, 11.859, 173.552)
contains.

CIELCh(24, 11.647, 173.847)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(24, 11.647, 173.847)

Conversions

Conversions Part 1

Format	Color
Hex	253E37
RGB	37, 62, 55
RGB Percent	15%, 24%, 22%
CMY	0.8553, 0.7573, 0.7847
CMYK	0.40, 0.00, 0.11, 0.76
HSL	163°, 25%, 19%
HSV	163°, 40%, 24%
XYZ	3.1635, 4.1002, 4.2264
YIQ	53.7270, -12.6530, -7.4770

Conversions

Conversions Part 2

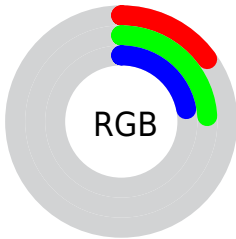
Format	Color
R_{YB}	37, 52, 62
Decimal	2440759
CIE Lab	24.00, -11.58, 1.25
CIE LCh	24, 11.647, 173.847
Yxy	4.1002, 0.2753, 0.3568
Android (android.graphics.Color)	4280630839 (0xFF253E37)
YUV	53.7270, 0.6276, -14.6696
Hunter-Lab	20.2490, -7.5491, 1.7993

Details

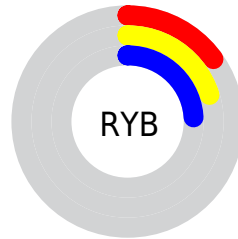
The CIELCh color **24, 11.647, 173.847** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **18, 13.039, 1.463**, and the grayscale version is **22, 0.004, 296.813**.

A 20% lighter version of the original color is **44, 11.784, 174.001**, and **5, 8.072, 162.511** is the 20% darker color. If you saturate the color by 10%, you get **24, 14.221, 172.801**, and if you desaturate by 10%, it is **24, 8.913, 174.814**.

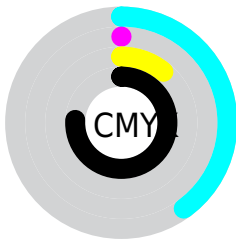
Distribution



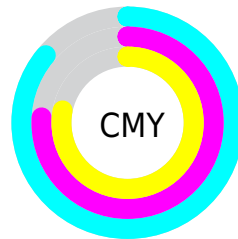
- Red (15%)
- Green (24%)
- Blue (22%)



- Red (15%)
- Yellow (20%)
- Blue (24%)



- Cyan (40%)
- Magenta (0%)
- Yellow (11%)
- Black (76%)





- Cyan (86%)
- Magenta (76%)
- Yellow (78%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 24, 11.647, 173.847 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 24, 11.647, 173.847 by changing the saturation by 10% instead.

 24, 11.647,
173.847


 24, 11.647,
173.847

 100, 11.647,
173.847


 14, 11.647,
173.847


 44, 11.647,
173.847


 4, 11.647, 173.847

 54, 11.647,
173.847

 0, 11.647, 173.847

 64, 11.647,
173.847

 74, 11.647,
173.847

 84, 11.647,
173.847

 94, 11.647,

173.847

■ 24, 11.647,
173.847

■ 24, 11.647,
173.847

■ 24, 14.221,
172.801

■ 24, 8.913, 174.814

■ 23, 16.597,
171.667

■ 25, 6.055, 175.725

■ 23, 18.739,
170.426

■ 26, 3.112, 176.602

■ 23, 20.622,
169.063

■ 27, 2.911, 358.018

■ 23, 22.302,
167.646

■ 28, 5.939, 358.780

■ 22, 23.955,
166.478

■ 28, 8.952, 359.486

■ 29, 11.936, 0.159

Harmonies

Complementary

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



24, 11.647, 173.847



18, 13.039, 1.463

Rectangle

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



24, 11.647, 173.847



24, 11.647, 223.847



24, 11.647, 353.847



24, 11.647, 43.847

Sweetspot

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



24, 11.647, 173.845



34, 4.520, 176.411



24, 18.408, 134.518



16, 2.946, 176.392



69, 0.009, 296.813



16, 0.003, 296.813

Same Dimension

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



24, 11.647, 173.845



32, 17.062, 172.816



22, 8.522, 223.562



11, 1.650, 176.779



35, 32.532, 164.998



79, 62.255, 163.210

Inverse Universe

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



18, 13.039, 1.463



23, 19.660, 2.918



19, 10.890, 40.944



10, 1.688, 357.970



18, 41.890, 18.769



47, 80.100, 23.650

Previews

White Background



This preview shows how the CIELCh color 24, 11.647, 173.847 looks on a white 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

Black Background



This preview shows how the CIELCh color 24, 11.647, 173.847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

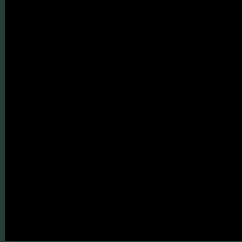
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 24, 11.647, 173.847

Background



This preview shows how black text looks on a background with the CIELCh color 24, 11.647, 173.847.



This preview shows how white text looks on a background with the CIELCh color 24, 11.647, 173.847.

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

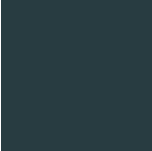
24, 11.647, 173.847

Protanopia

24, 3.428, 93.487

Deuteranopia

24, 3.783, 10.046



Tritanopia
24, 8.554, 221.160

Trichromacy



Original Color
24, 11.647, 173.847

Protanomaly
24, 5.433, 151.563

Deuteranomaly
24, 2.261, 163.239

Tritanomaly
24, 9.029, 197.871

Monochromacy



Original Color
24, 11.647, 173.847

Achromatopsia
23, 0.004, 296.813

Achromatomaly
23, 4.546, 172.477

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 11.647, 173.847 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(37, 62, 55)` looks like.

```
.text, #text, p{  
    color:rgb(37, 62, 55)  
}
```

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(37, 62, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 62, 55) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 11.647, 173.847 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(37, 62, 55) }
```

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

```
.border{ border-color:rgb(37, 62, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 62, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 62, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 62, 55);  
box-shadow:4px 4px 4px 4px rgb(37, 62, 55)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 24, 11.647, 173.847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 62, 55) }
```

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

```
.background{ background-color: rgb(37, 62,  
55) }
```

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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