

Converting Colors

CIELCh(24, 15.046, 181.902)

Have a look what the booklet for
CIELCh(24, 15.046, 181.902)
contains.

CIELCh(24, 15.004, 181.373)	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, 15.004, 181.373)

Conversions

Conversions Part 1

Format	Color
Hex	1A3F39
RGB	26, 63, 57
RGB Percent	10%, 25%, 22%
CMY	0.8971, 0.7521, 0.7756
CMYK	0.59, 0.00, 0.10, 0.75
HSL	170°, 41%, 18%
HSV	170°, 59%, 25%
XYZ	2.9659, 4.1002, 4.5346
YIQ	51.2530, -20.1260, -9.7100

Conversions

Conversions Part 2

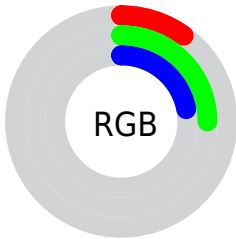
Format	Color
RYB	26, 46, 63
Decimal	1720121
CIELab	24.00, -15.00, -0.36
CIELCh	24, 15.004, 181.373
Yxy	4.1002, 0.2557, 0.3534
Android (android.graphics.Color)	4279910201 (0xFF1A3F39)
YUV	51.2530, 2.8333, -22.1469
Hunter-Lab	20.2490, -9.2903, 0.8967




Details

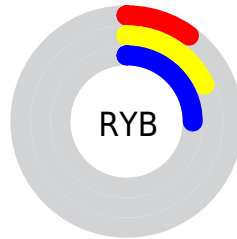
The CIELCh color **24, 15.004, 181.373** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **15, 19.272, 13.318**, and the grayscale version is **21, 0.004, 296.813**.




A 20% lighter version of the original color is **44, 15.143, 181.488**, and **5, 8.828, 166.290** is the 20% darker color. If you saturate the color by 10%, you get **24, 16.880, 180.386**, and if you desaturate by 10%, it is **24, 12.871, 182.294**.

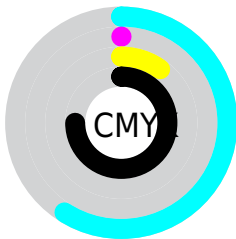
Distribution







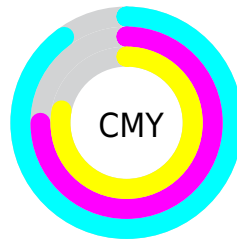
-  Red (10%)
-  Green (25%)
-  Blue (22%)






-  Red (10%)
-  Yellow (18%)
-  Blue (25%)



-  Cyan (59%)
-  Magenta (0%)
-  Yellow (10%)
-  Black (75%)





-  Cyan (90%)
-  Magenta (75%)
-  Yellow (78%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 24, 15.004, 181.373 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, 15.004, 181.373 by changing the saturation by 10% instead.

 24, 15.004,
181.373


 24, 15.004,
181.373

 100, 15.004,
181.373


 14, 15.004,
181.373


 44, 15.004,
181.373


 4, 15.004, 181.373

 54, 15.004,
181.373

 0, 15.004, 181.373

 64, 15.004,
181.373

 74, 15.004,
181.373

 84, 15.004,
181.373

 94, 15.004,

181.373

■ 24, 15.004,
181.373

■ 24, 15.004,
181.373

■ 24, 16.880,
180.386

■ 24, 12.871,
182.294

■ 23, 18.475,
179.324

■ 25, 10.513,
183.166

■ 23, 19.808,
178.194

■ 25, 7.966, 183.999

■ 23, 21.134,
177.172

■ 26, 5.269, 184.807

■ 26, 2.457, 185.621

■ 23, 21.337,
177.032

■ 27, 0.438, 5.742

■ 28, 3.385, 6.921

■ 28, 6.362, 7.655

■ 29, 9.346, 8.352

Harmonies

Complementary

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



24, 15.004, 181.373



15, 19.272, 13.318

Rectangle

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



24, 15.004, 181.373



24, 15.004, 231.373



24, 15.004, 1.373



24, 15.004, 51.373

Sweetspot

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



24, 15.004, 181.371



33, 6.335, 184.786



24, 27.711, 136.646



16, 4.318, 184.687



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, 15.004, 181.371



31, 20.912, 179.921



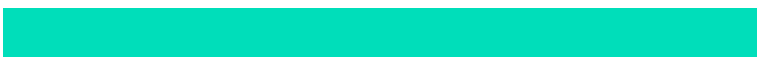
20, 11.958, 243.291



11, 1.560, 185.633



35, 28.287, 175.986



79, 53.500, 174.618

Inverse Universe

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



15, 19.272, 13.318



18, 28.671, 16.733



18, 16.320, 52.281



10, 1.611, 6.724



18, 44.238, 27.739



46, 86.334, 32.793

Previews

White Background



This preview shows how the CIE LCh color 24, 15.004, 181.373 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 CIE LCh color 24, 15.004, 181.373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

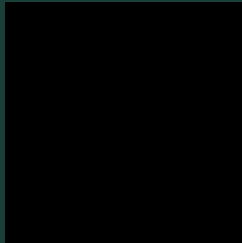
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 24, 15.004, 181.373

Background



This preview shows how black text looks on a background with the CIELCh color 24, 15.004, 181.373.



This preview shows how white text looks on a background with the CIELCh color 24, 15.004, 181.373.

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, 15.004, 181.373

Protanopia
24, 2.182, 84.445

Deuteranopia
24, 4.167, 340.719



Tritanopia
24, 12.165, 213.510

Trichromacy



Original Color
24, 15.004, 181.373

Protanomaly
24, 6.007, 172.069

Deuteranomaly
24, 3.956, 198.748

Tritanomaly
24, 12.502, 200.402

Monochromacy



Original Color
24, 15.004, 181.373

Achromatopsia
21, 0.004, 296.813

Achromatomaly
22, 5.917, 185.139

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 15.004, 181.373 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(26, 63, 57)` looks like.

```
.text, #text, p{  
    color:rgb(26, 63, 57)  
}
```

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(26, 63, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 63, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 15.004, 181.373 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(26, 63, 57) }
```

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

```
.border{ border-color:rgb(26, 63, 57) }
```

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

Here you see how a box with a 4 pixel rgb(26, 63, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 63, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 63, 57);  
box-shadow:4px 4px 4px 4px rgb(26, 63, 57)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 24, 15.004, 181.373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 63, 57) }
```

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

```
.background{ background-color: rgb(26, 63,  
57) }
```

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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