

Converting Colors

CIELCh(38, 24.541, 187.635)

Have a look what the booklet for
CIELCh(38, 24.541, 187.635)
contains.

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Color

CIELCh(38, 24.482, 187.658)

Conversions

Conversions Part 1

Format	Color
Hex	15645E
RGB	21, 100, 94
RGB Percent	8%, 39%, 37%
CMY	0.9175, 0.6077, 0.6313
CMYK	0.79, 0.00, 0.06, 0.61
HSL	175°, 65%, 24%
HSV	175°, 79%, 39%
XYZ	6.8915, 10.0881, 12.1798
YIQ	75.6950, -45.1580, -18.6140

Conversions

Conversions Part 2

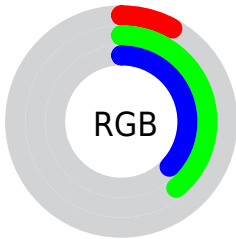
Format	Color
R_{YB}	21, 62, 100
Decimal	1401950
CIE _{Lab}	38.00, -24.26, -3.26
CIE _{LCh}	38, 24.482, 187.658
Yxy	10.0881, 0.2363, 0.3460
Android (android.graphics.Color)	4279592030 (0xFF15645E)
YUV	75.6950, 9.0244, -47.9675
Hunter-Lab	31.7617, -16.8528, -0.5030

Details

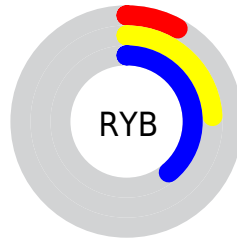
The CIELCh color **38, 24.482, 187.658** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **21, 39.375, 26.708**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 24.301, 187.666**, and **19, 17.722, 184.849** is the 20% darker color. If you saturate the color by 10%, you get **38, 25.756, 186.872**, and if you desaturate by 10%, it is **38, 22.733, 188.399**.

Distribution



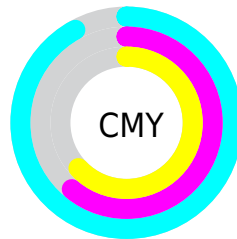
- Red (8%)
- Green (39%)
- Blue (37%)



- Red (8%)
- Yellow (24%)
- Blue (39%)



- Cyan (79%)
- Magenta (0%)
- Yellow (6%)
- Black (61%)



- Cyan (92%)
- Magenta (61%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 38, 24.482, 187.658 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 38, 24.482, 187.658 by changing the saturation by 10% instead.

 38, 24.482,
187.658

 38, 24.482,
187.658

 100, 24.482,
187.658

 28, 24.482,
187.658

 58, 24.482,
187.658

 18, 24.482,
187.658

 68, 24.482,
187.658

 8, 24.482, 187.658

 78, 24.482,
187.658

 0, 24.482, 187.658

 88, 24.482,
187.658

 98, 24.482,
187.658

■ 38, 24.482,
187.658

■ 38, 24.482,
187.658

■ 38, 25.756,
186.872

■ 38, 22.733,
188.399

■ 38, 26.765,
186.079

■ 39, 20.511,
189.112

■ 38, 26.872,
185.999

■ 39, 17.840,
189.808

■ 40, 14.765,
190.494

■ 40, 11.340,
191.178

■ 41, 7.625, 191.868

■ 42, 3.680, 192.591

■ 42, 0.438, 12.433

Harmonies

Complementary

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



38, 24.482, 187.658



21, 39.375, 26.708

Rectangle

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



38, 24.482, 187.658



38, 24.482, 237.658



38, 24.482, 7.658



38, 24.482, 57.658

Sweetspot

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



38, 24.482, 187.657



52, 11.804, 191.470



37, 52.442, 136.578



26, 8.114, 191.292



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



38, 24.482, 187.657



49, 31.975, 186.138



27, 23.962, 262.866



21, 2.344, 192.592



43, 29.648, 185.844



87, 51.655, 185.247

Inverse Universe

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



21, 39.375, 26.708



27, 57.598, 34.053



28, 33.739, 58.395



19, 2.453, 13.686



22, 54.007, 34.294



51, 97.494, 37.641

Previews

White Background



This preview shows how the CIELCh color 38, 24.482, 187.658 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 × Fail

Black Background



This preview shows how the CIELCh color 38, 24.482, 187.658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

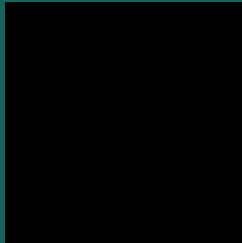
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 24.482, 187.658

Background



This preview shows how black text looks on a background with the CIELCh color 38, 24.482, 187.658.



This preview shows how white text looks on a background with the CIELCh color 38, 24.482, 187.658.

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

38, 24.482, 187.658

Protanopia

38, 1.486, 74.790

Deuteranopia

38, 6.839, 316.119



Tritanopia
38, 20.928, 210.792

Trichromacy



Original Color
38, 24.482, 187.658

Protanomaly
37, 10.860, 188.125

Deuteranomaly
37, 9.837, 212.872

Tritanomaly
38, 21.870, 201.698

Monochromacy



Original Color
38, 24.482, 187.658

Achromatopsia
32, 0.005, 296.813

Achromatomaly
34, 11.489, 191.507

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 24.482, 187.658 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(21, 100, 94)` looks like.

```
.text, #text, p{  
    color:rgb(21, 100, 94)  
}
```

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(21, 100, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 100, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 24.482, 187.658 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(21, 100, 94) }
```

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

```
.border{ border-color:rgb(21, 100, 94) }
```

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

Here you see how a box with a 4 pixel rgb(21, 100, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 100, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 100, 94);  
box-shadow:4px 4px 4px 4px rgb(21, 100,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 24.482, 187.658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 100, 94) }
```

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

```
.background{ background-color: rgb(21, 100,  
94) }
```

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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