

Converting Colors

CIELCh(38, 25.150, 184.871)

Have a look what the booklet for
CIELCh(38, 25.150, 184.871)
contains.

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Color

CIELCh(38, 25.111, 184.923)

Conversions

Conversions Part 1

Format	Color
Hex	14645C
RGB	20, 100, 92
RGB Percent	8%, 39%, 36%
CMY	0.9201, 0.6069, 0.6383
CMYK	0.80, 0.00, 0.08, 0.61
HSL	174°, 66%, 24%
HSV	174°, 80%, 39%
XYZ	6.8170, 10.0881, 11.7647
YIQ	75.1680, -45.1120, -19.4480

Conversions

Conversions Part 2

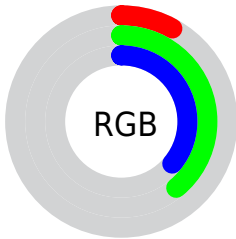
Format	Color
R_{YB}	20, 62, 100
Decimal	1336412
CIE _{Lab}	38.00, -25.02, -2.15
CIE _{LCh}	38, 25.111, 184.923
Yxy	10.0881, 0.2378, 0.3519
Android (android.graphics.Color)	4279526492 (0xFF14645C)
YUV	75.1680, 8.2982, -48.3823
Hunter-Lab	31.7617, -17.2718, 0.2719

Details

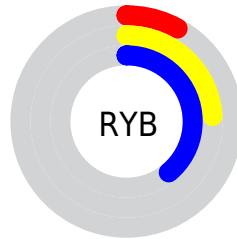
The CIELCh color **38, 25.111, 184.923** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **21, 39.335, 25.241**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 24.954, 185.177**, and **19, 18.366, 180.712** is the 20% darker color. If you saturate the color by 10%, you get **38, 26.442, 183.959**, and if you desaturate by 10%, it is **38, 23.307, 185.816**.

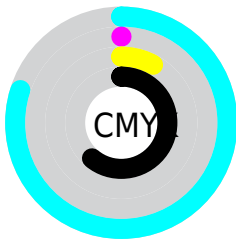
Distribution



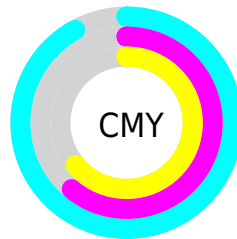
- Red (8%)
- Green (39%)
- Blue (36%)



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



- Cyan (80%)
- Magenta (0%)
- Yellow (8%)
- Black (61%)





- Cyan (92%)
- Magenta (61%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 25.111, 184.923 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, 25.111, 184.923 by changing the saturation by 10% instead.


 38, 25.111,
184.923


 38, 25.111,
184.923


 100, 25.111,
184.923


 28, 25.111,
184.923


 58, 25.111,
184.923


 18, 25.111,
184.923


 68, 25.111,
184.923

 8, 25.111, 184.923

 78, 25.111,
184.923

 0, 25.111, 184.923

 88, 25.111,
184.923

 98, 25.111,
184.923

■ 38, 25.111,
184.923

■ 38, 25.111,
184.923

■ 38, 26.442,
183.959

■ 38, 23.307,
185.816

■ 38, 27.545,
182.991

■ 39, 21.033,
186.658

■ 38, 27.581,
182.962

■ 39, 18.313,
187.460

■ 40, 15.192,
188.235

■ 40, 11.727,
188.993

■ 41, 7.977, 189.744

■ 42, 4.004, 190.511

■ 42, 0.136, 8.767

Harmonies

Complementary

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



38, 25.111, 184.923



21, 39.335, 25.241

Rectangle

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



38, 25.111, 184.923



38, 25.111, 234.923



38, 25.111, 4.923



38, 25.111, 54.923

Sweetspot

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



38, 25.111, 184.922



52, 11.905, 189.367



37, 52.486, 136.009



26, 8.186, 189.173



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, 25.111, 184.922



49, 32.864, 183.023



28, 23.077, 258.442



21, 2.359, 190.571



43, 30.401, 182.769



86, 53.067, 182.020

Inverse Universe

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



21, 39.335, 25.241



26, 57.223, 32.981



27, 34.452, 55.451



19, 2.462, 11.737



22, 53.424, 33.250



51, 96.228, 36.581

Previews

White Background



This preview shows how the CIE LCh color 38, 25.111, 184.923 looks on a white background.

Color Contrast Check

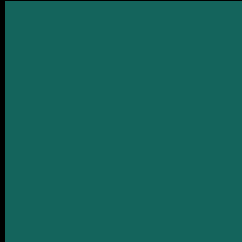
Large Text (above 18pt) WCAG AA ✓ Pass

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, 25.111, 184.923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

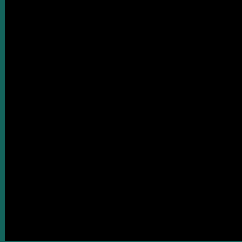
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 25.111, 184.923

Background



This preview shows how black text looks on a background with the CIELCh color 38, 25.111, 184.923.



This preview shows how white text looks on a background with the CIELCh color 38, 25.111, 184.923.

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, 25.111, 184.923

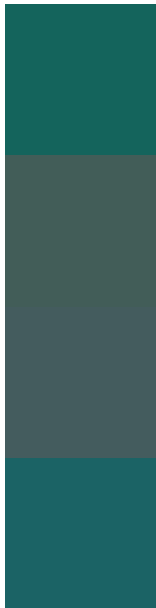
Protanopia
38, 2.237, 74.596

Deuteranopia
38, 5.981, 324.845



Tritanopia
38, 20.765, 210.920

Trichromacy



Original Color
38, 25.111, 184.923

Protanomaly
37, 11.261, 181.958

Deuteranomaly
37, 9.390, 205.840

Tritanomaly
38, 21.976, 200.017

Monochromacy



Original Color
38, 25.111, 184.923

Achromatopsia
32, 0.005, 296.813

Achromatomaly
33, 11.663, 188.408

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 25.111, 184.923 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(20, 100, 92)` looks like.

```
.text, #text, p{  
    color:rgb(20, 100, 92)  
}
```

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(20, 100, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 100, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 25.111, 184.923 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(20, 100, 92) }
```

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

```
.border{ border-color:rgb(20, 100, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 100, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 100, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 100, 92);  
box-shadow:4px 4px 4px 4px rgb(20, 100,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 25.111, 184.923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 100, 92) }
```

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

```
.background{ background-color: rgb(20, 100,  
92) }
```

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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