

Converting Colors

CIELCh(40, 24.496, 201.948)

Have a look what the booklet for
CIELCh(40, 24.496, 201.948)
contains.

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Color

CIELCh(40, 24.634, 200.902)

Conversions

Conversions Part 1

Format	Color
Hex	0E696C
RGB	14, 105, 108
RGB Percent	5%, 41%, 42%
CMY	0.9461, 0.5887, 0.5769
CMYK	0.87, 0.03, 0.00, 0.58
HSL	182°, 77%, 24%
HSV	182°, 87%, 42%
XYZ	7.9175, 11.2510, 15.9094
YIQ	78.1330, -55.1990, -18.3590

Conversions

Conversions Part 2

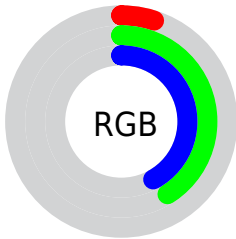
Format	Color
RYB	14, 60, 108
Decimal	944492
CIELab	40.00, -23.01, -8.79
CIELCh	40, 24.634, 200.902
Yxy	11.2510, 0.2257, 0.3207
Android (android.graphics.Color)	4279134572 (0xFF0E696C)
YUV	78.1330, 14.7244, -56.2446
Hunter-Lab	33.5425, -16.5657, -4.6420

Details

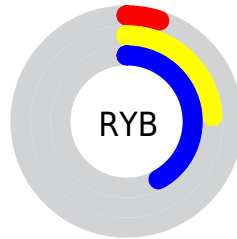
The CIELCh color `40, 24.634, 200.902` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `22, 47.526, 35.461`, and the grayscale version is `33, 0.005, 296.813`.

A 20% lighter version of the original color is `60, 24.833, 199.880`, and `21, 16.738, 206.011` is the 20% darker color. If you saturate the color by 10%, you get `40, 25.327, 201.193`, and if you desaturate by 10%, it is `40, 23.559, 200.693`.

Distribution



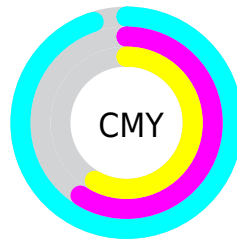
- Red (5%)
- Green (41%)
- Blue (42%)



- Red (5%)
- Yellow (24%)
- Blue (42%)



- Cyan (87%)
- Magenta (3%)
- Yellow (0%)
- Black (58%)





- Cyan (95%)
- Magenta (59%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 24.634, 200.902 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 40, 24.634, 200.902 by changing the saturation by 10% instead.


 40, 24.634,
200.902


 40, 24.634,
200.902


 100, 24.634,
200.902


 30, 24.634,
200.902

 60, 24.634,
200.902


 20, 24.634,
200.902

 70, 24.634,
200.902

 10, 24.634,
200.902

 80, 24.634,
200.902

 0, 24.634, 200.902

 90, 24.634,
200.902

 40, 24.634,

 40, 24.634,

200.902

■ 40, 25.327,
201.193

■ 40, 25.512,
201.272

200.902

■ 40, 23.559,
200.693

■ 41, 21.971,
200.597

■ 41, 19.870,
200.605

■ 42, 17.280,
200.710

■ 42, 14.246,
200.902

■ 43, 10.822,
201.172

■ 44, 7.069, 201.516

■ 45, 3.049, 201.961

Harmonies

Complementary

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



40, 24.634, 200.902



22, 47.526, 35.461

Rectangle

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



40, 24.634, 200.902



40, 24.634, 250.902



40, 24.634, 20.902



40, 24.634, 70.902

Sweetspot

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



40, 24.634, 200.901



55, 12.828, 201.189



39, 59.400, 137.175



28, 8.685, 201.111



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



40, 24.634, 200.901



51, 30.767, 201.412



25, 32.870, 278.328



22, 2.339, 201.872



43, 27.067, 201.319



86, 46.467, 201.625

Inverse Universe

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



25, 56.883, 329.187



33, 72.283, 329.510



31, 39.175, 65.935



21, 4.313, 325.746



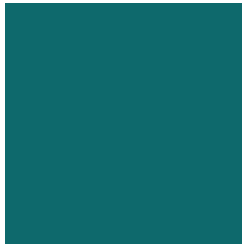
27, 63.571, 329.487



58, 109.238, 329.564

Previews

White Background



This preview shows how the CIELCh color 40, 24.634, 200.902 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 40, 24.634, 200.902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

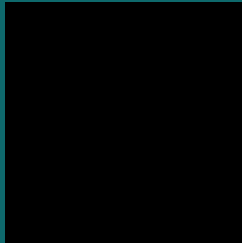
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 24.634, 200.902

Background



This preview shows how black text looks on a background with the CIELCh color 40, 24.634, 200.902.



This preview shows how white text looks on a background with the CIELCh color 40, 24.634, 200.902.

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


40, 24.634, 200.902

Protanopia

40, 4.910, 295.685

Deuteranopia

40, 11.687, 297.682



Tritanopia
40, 23.460, 210.546

Trichromacy



Original Color
40, 24.634, 200.902

Protanomaly
39, 12.358, 218.522

Deuteranomaly
39, 13.623, 234.263

Tritanomaly
40, 23.733, 207.257

Monochromacy



Original Color
40, 24.634, 200.902

Achromatopsia
33, 0.005, 296.813

Achromatomaly
35, 12.493, 200.647

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 24.634, 200.902 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(14, 105, 108)` looks like.

```
.text, #text, p{  
    color:rgb(14, 105, 108)  
}
```

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(14, 105, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 105, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 24.634, 200.902 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(14, 105, 108) }
```

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

```
.border{ border-color:rgb(14, 105, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 105, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 105, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 105, 108);  
box-shadow:4px 4px 4px 4px rgb(14, 105,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 24.634, 200.902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 105, 108) }
```

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

```
.background{ background-color: rgb(14, 105,  
108) }
```

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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