

Converting Colors

CIELCh(40, 11.147, 270.255)

Have a look what the booklet for
CIELCh(40, 11.147, 270.255)
contains.

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Color

CIELCh(40, 11.042, 269.632)

Conversions

Conversions Part 1

Format	Color
Hex	545F70
RGB	84, 95, 112
RGB Percent	33%, 37%, 44%
CMY	0.6704, 0.6273, 0.5606
CMYK	0.25, 0.15, 0.00, 0.56
HSL	216°, 14%, 38%
HSV	216°, 25%, 44%
XYZ	10.6843, 11.2510, 16.9523
YIQ	93.6490, -12.0130, 2.9550

Conversions

Conversions Part 2

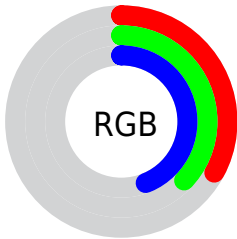
Format	Color
R_{YB}	84, 92, 112
Decimal	5529456
CIE _{Lab}	40.00, -0.07, -11.04
CIE _{LCh}	40, 11.042, 269.632
Yxy	11.2510, 0.2747, 0.2893
Android (android.graphics.Color)	4283719536 (0xFF545F70)
YUV	93.6490, 9.0470, -8.4622
Hunter-Lab	33.5425, -1.8417, -6.4853

Details

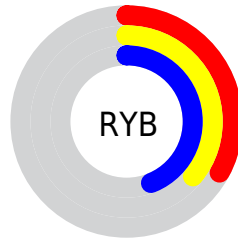
The CIELCh color $40, 11.042, 269.632$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $43, 11.308, 82.989$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 11.343, 270.933$, and $20, 10.920, 269.208$ is the 20% darker color. If you saturate the color by 10%, you get $37, 15.510, 271.463$, and if you desaturate by 10%, it is $43, 6.601, 268.060$.

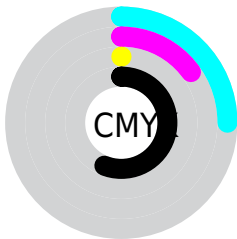
Distribution



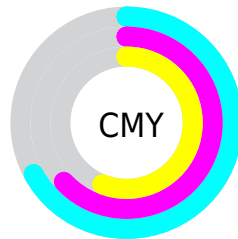
- Red (33%)
- Green (37%)
- Blue (44%)



- Red (33%)
- Yellow (36%)
- Blue (44%)



- Cyan (25%)
- Magenta (15%)
- Yellow (0%)
- Black (56%)





- Cyan (67%)
- Magenta (63%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 11.042, 269.632 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, 11.042, 269.632 by changing the saturation by 10% instead.


 40, 11.042,
269.632


 40, 11.042,
269.632


 100, 11.042,
269.632


 30, 11.042,
269.632

 60, 11.042,
269.632


 20, 11.042,
269.632


 70, 11.042,
269.632


 10, 11.042,
269.632

 80, 11.042,
269.632

 0, 11.042, 269.632

 90, 11.042,
269.632

 40, 11.042,

 40, 11.042,

269.632

269.632

■ 37, 15.510,
271.463

■ 43, 6.601, 268.060

■ 34, 20.008,
273.602

■ 46, 2.193, 266.756

■ 49, 2.181, 85.409

■ 31, 24.545,
276.082

■ 52, 6.514, 84.442

■ 29, 29.136,
278.931

■ 55, 10.802, 83.557

■ 57, 15.041, 82.773

■ 26, 33.806,
282.145

■ 60, 19.229, 82.076

■ 24, 38.583,
285.676

■ 63, 23.362, 81.454

■ 66, 27.439, 80.895

■ 21, 43.486,
289.346

■ 20, 46.005,
291.006

Harmonies

Complementary

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



40, 11.042, 269.632



43, 11.308, 82.989

Rectangle

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



40, 11.042, 269.632



40, 11.042, 319.632



40, 11.042, 89.632



40, 11.042, 139.632

Sweetspot

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



40, 11.041, 269.629



58, 3.807, 267.012



45, 13.096, 167.184



30, 2.493, 267.059



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



40, 11.041, 269.629



50, 16.437, 270.657



37, 17.398, 296.391



22, 2.475, 267.240



22, 48.644, 291.321



46, 88.174, 293.653

Inverse Universe

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



39, 13.669, 352.200



48, 20.422, 352.869



46, 16.472, 112.177



22, 3.014, 350.569



24, 48.414, 10.191



53, 83.184, 13.427

Previews

White Background



This preview shows how the CIE LCh color 40, 11.042, 269.632 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 CIE LCh color 40, 11.042, 269.632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

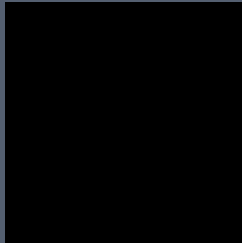
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

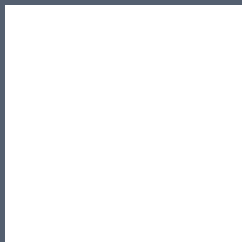
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 40, 11.042, 269.632

Background



This preview shows how black text looks on a background with the CIELCh color 40, 11.042, 269.632.

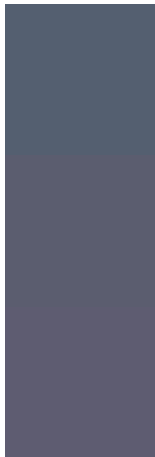


This preview shows how white text looks on a background with the CIELCh color 40, 11.042, 269.632.

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, 11.042, 269.632

Protanopia

40, 10.997, 287.819

Deuteranopia

40, 12.867, 295.555



Tritanopia
40, 7.208, 241.714

Trichromacy



Original Color
40, 11.042, 269.632

Protanomaly
40, 10.560, 279.163

Deuteranomaly
40, 12.234, 286.657

Tritanomaly
40, 8.245, 253.734

Monochromacy



Original Color
40, 11.042, 269.632

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 4.535, 270.016

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 11.042, 269.632 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(84, 95, 112)` looks like.

```
.text, #text, p{  
    color:rgb(84, 95, 112)  
}
```

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(84, 95, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 95, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 11.042, 269.632 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(84, 95, 112) }
```

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

```
.border{ border-color:rgb(84, 95, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 95, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 95, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 95, 112);  
box-shadow:4px 4px 4px 4px rgb(84, 95,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 11.042, 269.632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 95, 112) }
```

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

```
.background{ background-color: rgb(84, 95,  
112) }
```

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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