

Converting Colors

CIELCh(40, 10.066, 264.597)

Have a look what the booklet for
CIELCh(40, 10.066, 264.597)
contains.

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Color

CIELCh(40, 10.092, 264.684)

Conversions

Conversions Part 1

Format	Color
Hex	535F6E
RGB	83, 95, 110
RGB Percent	33%, 37%, 43%
CMY	0.6729, 0.6258, 0.5670
CMYK	0.24, 0.14, 0.00, 0.57
HSL	213°, 14%, 38%
HSV	213°, 24%, 43%
XYZ	10.5699, 11.2510, 16.4871
YIQ	93.1220, -11.9670, 2.1210

Conversions

Conversions Part 2

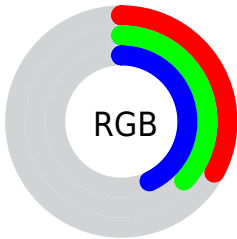
Format	Color
R_{YB}	83, 91, 110
Decimal	5463918
CIE Lab	40.00, -0.94, -10.05
CIE LCh	40, 10.092, 264.684
Yxy	11.2510, 0.2759, 0.2937
Android (android.graphics.Color)	4283653998 (0xFF535F6E)
YUV	93.1220, 8.3209, -8.8770
Hunter-Lab	33.5425, -2.4503, -5.6631

Details

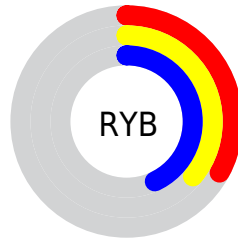
The CIELCh color **40, 10.092, 264.684** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **42, 10.514, 78.207**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **60, 10.436, 266.675**, and **20, 9.881, 263.372** is the 20% darker color. If you saturate the color by 10%, you get **37, 14.200, 266.517**, and if you desaturate by 10%, it is **43, 5.971, 263.119**.

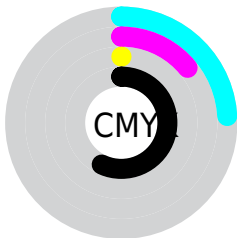
Distribution



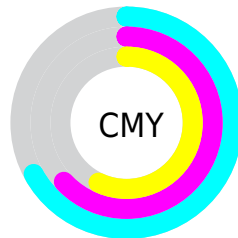
- Red (33%)
- Green (37%)
- Blue (43%)



- Red (33%)
- Yellow (36%)
- Blue (43%)



- Cyan (24%)
- Magenta (14%)
- Yellow (0%)
- Black (57%)





- Cyan (67%)
- Magenta (63%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 10.092, 264.684 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, 10.092, 264.684 by changing the saturation by 10% instead.


 40, 10.092,
264.684


 40, 10.092,
264.684


 100, 10.092,
264.684


 30, 10.092,
264.684

 60, 10.092,
264.684


 20, 10.092,
264.684


 70, 10.092,
264.684

 10, 10.092,
264.684

 80, 10.092,
264.684

 0, 10.092, 264.684

 90, 10.092,
264.684

 40, 10.092,

 40, 10.092,

264.684

■ 37, 14.200,
266.517

■ 35, 18.293,
268.669

■ 32, 22.372,
271.182

■ 30, 26.449,
274.087

■ 27, 30.547,
277.395

■ 25, 34.704,
281.070

■ 23, 38.962,
284.957

■ 21, 41.398,
286.915

264.684

■ 43, 5.971, 263.119

■ 45, 1.846, 261.846

■ 48, 2.274, 80.475

■ 51, 6.380, 79.525

■ 54, 10.465, 78.657

■ 56, 14.522, 77.890

■ 59, 18.546, 77.210

■ 62, 22.531, 76.604

■ 64, 26.476, 76.061

Harmonies

Complementary

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



40, 10.092, 264.684



42, 10.514, 78.207

Rectangle

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



40, 10.092, 264.684



40, 10.092, 314.684



40, 10.092, 84.684



40, 10.092, 134.684

Sweetspot

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



40, 10.091, 264.680



57, 3.570, 262.150



44, 13.155, 164.314



29, 2.303, 262.193



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, 10.091, 264.680



50, 14.762, 265.616



37, 16.782, 294.591



22, 2.353, 262.378



23, 44.296, 287.333



49, 80.197, 289.868

Inverse Universe

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



39, 13.599, 348.943



48, 19.984, 349.512



46, 15.899, 110.089



22, 3.112, 347.451



24, 48.318, 5.374



53, 82.540, 8.338

Previews

White Background



This preview shows how the CIELCh color 40, 10.092, 264.684 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, 10.092, 264.684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

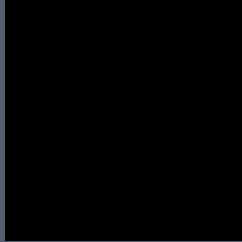
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

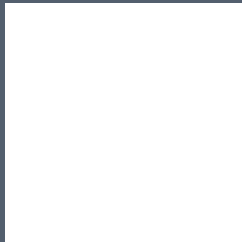
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 40, 10.092, 264.684

Background



This preview shows how black text looks on a background with the CIELCh color 40, 10.092, 264.684.



This preview shows how white text looks on a background with the CIELCh color 40, 10.092, 264.684.

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, 10.092, 264.684

Protanopia

40, 9.783, 287.097

Deuteranopia

40, 11.687, 297.682



Tritanopia
40, 7.208, 241.714

Trichromacy



Original Color
40, 10.092, 264.684

Protanomaly
40, 9.970, 278.252

Deuteranomaly
40, 10.997, 287.819

Tritanomaly
40, 7.786, 250.795

Monochromacy



Original Color
40, 10.092, 264.684

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 3.624, 256.694

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 10.092, 264.684 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(83, 95, 110)` looks like.

```
.text, #text, p{  
    color:rgb(83, 95, 110)  
}
```

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(83, 95, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 95, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 10.092, 264.684 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(83, 95, 110) }
```

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

```
.border{ border-color:rgb(83, 95, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 95, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 95, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 95, 110);  
box-shadow:4px 4px 4px 4px rgb(83, 95,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 10.092, 264.684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 95, 110) }
```

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

```
.background{ background-color: rgb(83, 95,  
110) }
```

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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