

Converting Colors

CIELCh(41, 5.662, 128.699)

Have a look what the booklet for
CIELCh(41, 5.662, 128.699) contains.

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Color

CIELCh(41, 5.714, 126.718)

Conversions

Conversions Part 1

Format	Color
Hex	5E6259
RGB	94, 98, 89
RGB Percent	37%, 38%, 35%
CMY	0.6309, 0.6152, 0.6506
CMYK	0.04, 0.00, 0.09, 0.62
HSL	87°, 5%, 37%
HSV	87°, 9%, 38%
XYZ	10.8130, 11.8645, 11.1951
YIQ	95.7780, 0.5050, -3.6470

Conversions

Conversions Part 2

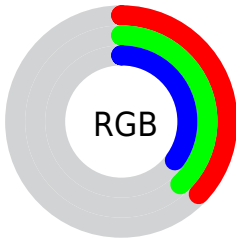
Format	Color
R_{YB}	89, 98, 93
Decimal	6185561
CIE _{Lab}	41.00, -3.42, 4.58
CIE _{LCh}	41, 5.714, 126.718
Yxy	11.8645, 0.3192, 0.3503
Android (android.graphics.Color)	4284375641 (0xFF5E6259)
YUV	95.7780, -3.3416, -1.5593
Hunter-Lab	34.4449, -4.2437, 4.8414

Details

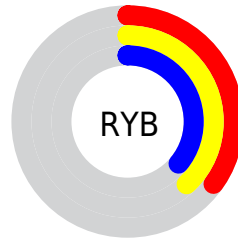
The CIELCh color $41, 5.714, 126.718$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $39, 5.796, 307.504$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 5.958, 128.799$, and $21, 5.720, 128.500$ is the 20% darker color. If you saturate the color by 10%, you get $40, 11.950, 126.264$, and if you desaturate by 10%, it is $42, 0.518, 307.029$.

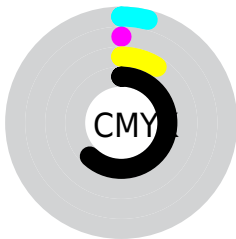
Distribution



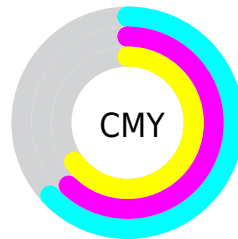
- Red (37%)
- Green (38%)
- Blue (35%)



- Red (35%)
- Yellow (38%)
- Blue (36%)



- Cyan (4%)
- Magenta (0%)
- Yellow (9%)
- Black (62%)



- Cyan (63%)
- Magenta (62%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 5.714, 126.718 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 41, 5.714, 126.718 by changing the saturation by 10% instead.

■ 41, 5.714, 126.718

■ 41, 5.714, 126.718

■ 100, 5.714,
126.718

■ 31, 5.714, 126.718

■ 61, 5.714, 126.718

■ 21, 5.714, 126.718

■ 71, 5.714, 126.718

■ 11, 5.714, 126.718

■ 81, 5.714, 126.718

■ 1, 5.714, 126.718

■ 91, 5.714, 126.718

■ 0, 5.714, 126.718

■ 41, 5.714, 126.718

■ 41, 5.714, 126.718

■ 40, 11.950,
126.264

■ 42, 0.518, 307.029

■ 40, 18.148,

■ 42, 6.719, 307.538

125.797

43, 12.869,
307.915

39, 24.254,
125.335

44, 18.951,
308.259

39, 30.187,
124.905

45, 24.954,
308.572

38, 35.836,
124.550

46, 30.872,
308.856

38, 41.042,
124.331

46, 36.698,
309.113

38, 45.597,
124.334

47, 42.430,
309.345

37, 49.263,
124.663

48, 48.066,
309.554

37, 52.459,
125.070

Harmonies

Complementary

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



41, 5.714, 126.718



39, 5.796, 307.504

Rectangle

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



41, 5.714, 126.718



41, 5.714, 176.718



41, 5.714, 306.718



41, 5.714, 356.718

Sweetspot

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



41, 5.715, 126.723



53, 2.311, 127.009



40, 3.221, 66.854



27, 1.738, 126.975



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



41, 5.715, 126.723



53, 8.500, 126.625



41, 6.542, 142.207



20, 3.457, 126.737



42, 58.099, 125.350



86, 102.470, 126.362

Inverse Universe

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



39, 5.796, 307.504



49, 8.643, 307.606



39, 6.560, 323.052



18, 3.504, 307.489



15, 68.572, 311.211



37, 120.721, 310.530

Previews

White Background



This preview shows how the CIELCh color 41, 5.714, 126.718 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 41, 5.714, 126.718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

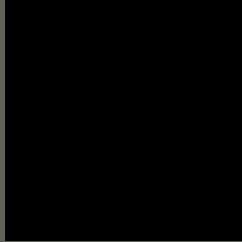
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

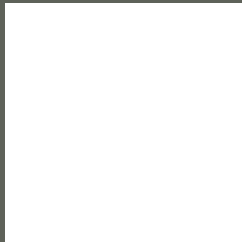
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 41, 5.714, 126.718

Background



This preview shows how black text looks on a background with the CIELCh color 41, 5.714, 126.718.

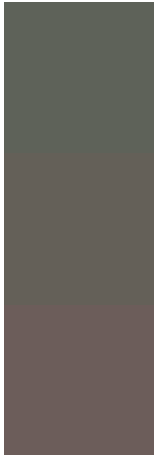


This preview shows how white text looks on a background with the CIELCh color 41, 5.714, 126.718.

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


41, 5.714, 126.718

Protanopia

41, 5.131, 89.703

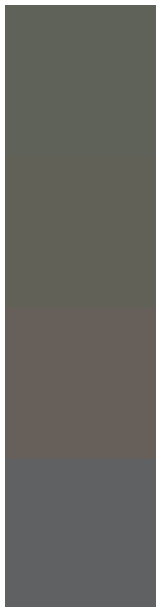
Deuteranopia

41, 6.782, 35.636



Tritanopia
41, 4.860, 290.916

Trichromacy



Original Color

41, 5.714, 126.718

Protanomaly

41, 5.450, 104.804

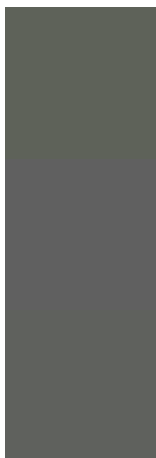
Deuteranomaly

41, 4.588, 60.821

Tritanomaly

41, 1.458, 256.036

Monochromacy



Original Color

41, 5.714, 126.718

Achromatopsia

41, 0.006, 296.813

Achromatomaly

41, 2.569, 128.930

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 5.714, 126.718 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(94, 98, 89)` looks like.

```
.text, #text, p{  
    color:rgb(94, 98, 89)  
}
```

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(94, 98, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 98, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 5.714, 126.718 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(94, 98, 89) }
```

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

```
.border{ border-color:rgb(94, 98, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 98, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 98, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 98, 89);  
box-shadow:4px 4px 4px 4px rgb(94, 98, 89)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 41, 5.714, 126.718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 98, 89) }
```

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

```
.background{ background-color: rgb(94, 98,  
89) }
```

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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