

Converting Colors

CIELCh(41, 8.218, 70.479)

Have a look what the booklet for
CIELCh(41, 8.218, 70.479) contains.

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Color

CIELCh(41, 8.262, 72.993)

Conversions

Conversions Part 1

Format	Color
Hex	6A5F54
RGB	106, 95, 84
RGB Percent	42%, 37%, 33%
CMY	0.5847, 0.6278, 0.6709
CMYK	0.00, 0.10, 0.21, 0.58
HSL	30°, 12%, 37%
HSV	30°, 21%, 42%
XYZ	11.6129, 11.8645, 10.0466
YIQ	97.0350, 10.0870, -1.0890

Conversions

Conversions Part 2

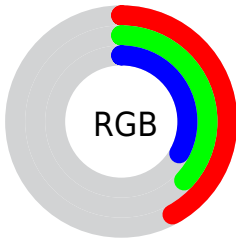
Format	Color
RYB	106, 106, 84
Decimal	6971220
CIELab	41.00, 2.42, 7.90
CIElCh	41, 8.262, 72.993
Yxy	11.8645, 0.3464, 0.3539
Android (android.graphics.Color)	4285161300 (0xFF6A5F54)
YUV	97.0350, -6.4263, 7.8623
Hunter-Lab	34.4449, -0.0984, 6.8183

Details

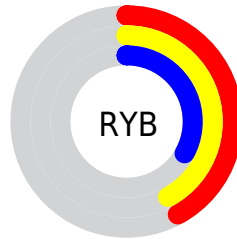
The CIELCh color $41, 8.262, 72.993$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $40, 7.849, 258.239$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 7.849, 71.280$, and $21, 8.179, 74.633$ is the 20% darker color. If you saturate the color by 10%, you get $39, 12.517, 71.832$, and if you desaturate by 10%, it is $43, 4.190, 74.144$.

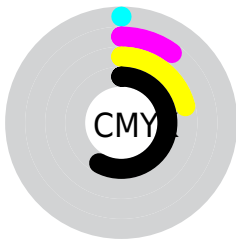
Distribution



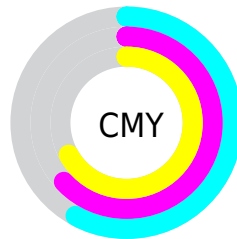
- Red (42%)
- Green (37%)
- Blue (33%)



- Red (42%)
- Yellow (42%)
- Blue (33%)



- Cyan (0%)
- Magenta (10%)
- Yellow (21%)
- Black (58%)



- Cyan (58%)
- Magenta (63%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 8.262, 72.993 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, 8.262, 72.993 by changing the saturation by 10% instead.

■ 41, 8.262, 72.993 ■ 41, 8.262, 72.993

■ 100, 8.262, 72.993 ■ 31, 8.262, 72.993

■ 61, 8.262, 72.993 ■ 21, 8.262, 72.993

■ 71, 8.262, 72.993 ■ 11, 8.262, 72.993

■ 81, 8.262, 72.993 ■ 1, 8.262, 72.993

■ 91, 8.262, 72.993 ■ 0, 8.262, 72.993

■ 41, 8.262, 72.993 ■ 41, 8.262, 72.993

■ 39, 12.517, 71.832 ■ 43, 4.190, 74.144

■ 37, 16.959, 70.645 ■ 45, 0.289, 74.546

■ 36, 21.580, 69.448 ■ 46, 3.455, 256.534

■ 34, 26.342, 68.229

■ 48, 7.059, 257.588

■ 33, 31.158, 66.956

■ 50, 10.536,
258.631

■ 31, 35.845, 65.553

■ 52, 13.900,
259.642

■ 30, 40.064, 63.857

■ 28, 43.878, 62.454

■ 54, 17.164,
260.614

■ 56, 20.339,
261.546

■ 58, 23.434,
262.437

Harmonies

Complementary

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



41, 8.262, 72.993



40, 7.849, 258.239

Rectangle

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



41, 8.262, 72.993



41, 8.262, 122.993



41, 8.262, 252.993



41, 8.262, 302.993

Sweetspot

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



41, 8.262, 73.004



56, 2.865, 74.632



38, 11.503, 345.350



28, 1.888, 74.591



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



41, 8.262, 73.004



52, 12.473, 72.429



44, 13.050, 108.288



21, 2.198, 74.340



32, 47.613, 62.200



64, 82.948, 59.883

Inverse Universe

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



40, 7.849, 258.239



50, 11.686, 259.040



36, 13.652, 292.376



21, 2.156, 256.587



25, 39.132, 282.098



52, 71.281, 284.935

Previews

White Background



This preview shows how the CIELCh color 41, 8.262, 72.993 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 41, 8.262, 72.993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

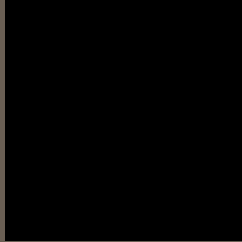
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 8.262, 72.993

Background



This preview shows how black text looks on a background with the CIELCh color 41, 8.262, 72.993.



This preview shows how white text looks on a background with the CIELCh color 41, 8.262, 72.993.

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, 8.262, 72.993

Protanopia

41, 6.996, 90.900

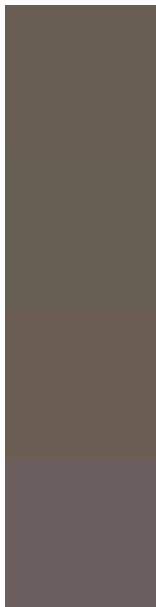
Deuteranopia

41, 9.751, 53.918



Tritanopia
41, 7.601, 346.603

Trichromacy



Original Color
41, 8.262, 72.993

Protanomaly
41, 7.323, 84.306

Deuteranomaly
41, 9.043, 61.681

Tritanomaly
41, 5.568, 20.090

Monochromacy



Original Color
41, 8.262, 72.993

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 2.950, 74.438

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 8.262, 72.993 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(106, 95, 84)` looks like.

```
.text, #text, p{  
    color:rgb(106, 95, 84)  
}
```

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(106, 95, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 95, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 8.262, 72.993 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(106, 95, 84) }
```

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

```
.border{ border-color:rgb(106, 95, 84) }
```

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

Here you see how a box with a 4 pixel rgb(106, 95, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 95, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 95, 84);  
box-shadow:4px 4px 4px 4px rgb(106, 95,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 8.262, 72.993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 95, 84) }
```

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

```
.background{ background-color: rgb(106, 95,  
84) }
```

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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