

Converting Colors

CIELCh(73, 59.153, 95.721)

Have a look what the booklet for
CIELCh(73, 59.153, 95.721) contains.

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Color

CIELCh(73, 59.148, 95.756)

Conversions

Conversions Part 1

Format	Color
Hex	C8B441
RGB	200, 180, 65
RGB Percent	78%, 71%, 25%
CMY	0.2167, 0.2951, 0.7461
CMYK	0.00, 0.10, 0.68, 0.22
HSL	51°, 55%, 52%
HSV	51°, 68%, 78%
XYZ	40.9666, 45.1644, 11.5219
YIQ	172.8700, 48.8350, -31.5250

Conversions

Conversions Part 2

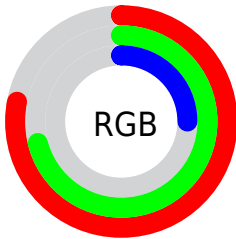
Format	Color
R _Y B	88, 200, 65
Decimal	13153345
CIE Lab	73.00, -5.93, 58.85
CIE LCh	73, 59.148, 95.756
Yxy	45.1644, 0.4195, 0.4625
Android (android.graphics.Color)	4291343425 (0xFFC8B441)
YUV	172.8700, -53.1799, 23.7930
Hunter-Lab	67.2044, -8.7974, 36.8781

Details

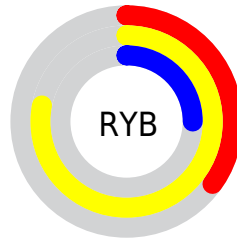
The CIELCh color **73, 59.148, 95.756** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **41, 69.152, 295.798**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 58.821, 97.775**, and **53, 58.608, 95.786** is the 20% darker color. If you saturate the color by 10%, you get **72, 65.592, 94.656**, and if you desaturate by 10%, it is **74, 51.466, 96.881**.

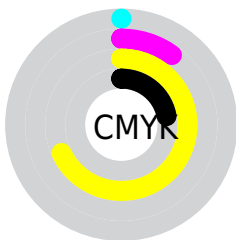
Distribution



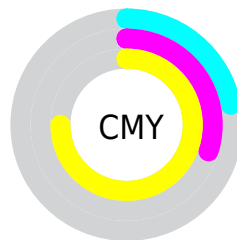
- Red (78%)
- Green (71%)
- Blue (25%)



- Red (35%)
- Yellow (78%)
- Blue (25%)



- Cyan (0%)
- Magenta (10%)
- Yellow (68%)
- Black (22%)



- Cyan (22%)
- Magenta (30%)
- Yellow (75%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 59.148, 95.756 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 73, 59.148, 95.756 by changing the saturation by 10% instead.

 73, 59.148, 95.756

 73, 59.148, 95.756

 100, 59.148,
95.756

 63, 59.148, 95.756

 93, 59.148, 95.756

 53, 59.148, 95.756

 43, 59.148, 95.756

 33, 59.148, 95.756

 23, 59.148, 95.756

 13, 59.148, 95.756

 3, 59.148, 95.756

 0, 59.148, 95.756

 73, 59.148, 95.756

 73, 59.148, 95.756

72, 65.592, 94.656

74, 51.466, 96.881

71, 70.186, 93.564

75, 43.039, 98.020

70, 72.532, 92.451

76, 34.199, 99.166

70, 72.960, 92.182

77, 25.154,
100.307

78, 16.028,
101.432

80, 6.893, 102.524

81, 2.209, 283.672

82, 11.254,
284.659

84, 20.229,
285.645

Harmonies

Complementary

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



73, 59.148, 95.756



41, 69.152, 295.798

Rectangle

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



73, 59.148, 95.756



73, 59.148, 145.756



73, 59.148, 275.756



73, 59.148, 325.756

Sweetspot

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



73, 59.148, 95.759



97, 22.242, 101.129



48, 57.783, 18.871



51, 15.177, 100.809



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 59.148, 95.759



89, 81.695, 94.155



75, 69.453, 120.566



41, 5.144, 102.331



58, 62.878, 92.357



11, 17.046, 96.683

Inverse Universe

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



41, 69.152, 295.798



43, 102.958, 299.820



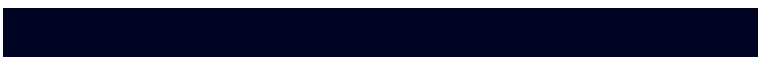
40, 80.485, 308.395



39, 5.220, 284.443



21, 87.543, 303.733



2, 19.293, 287.661

Previews

White Background



This preview shows how the CIELCh color 73, 59.148, 95.756 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 73, 59.148, 95.756 looks on a black 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 ✓ Pass

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

CIELCh 73, 59.148, 95.756

Background



This preview shows how black text looks on a background with the CIELCh color 73, 59.148, 95.756.



This preview shows how white text looks on a background with the CIELCh color 73, 59.148, 95.756.

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

73, 59.148, 95.756

Protanopia

73, 59.148, 95.756

Deuteranopia

73, 58.742, 80.799



Tritanopia
73, 17.093, 356.751

Trichromacy



Original Color
73, 59.148, 95.756

Protanomaly
73, 59.148, 95.756

Deuteranomaly
73, 58.464, 86.283

Tritanomaly
73, 22.908, 70.605

Monochromacy



Original Color
73, 59.148, 95.756

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 22.409, 99.540

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 59.148, 95.756 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(200, 180, 65)` looks like.

```
.text, #text, p{  
    color:rgb(200, 180, 65)  
}
```

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(200, 180, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 180, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 59.148, 95.756 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(200, 180, 65) }
```

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

```
.border{ border-color:rgb(200, 180, 65) }
```

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

Here you see how a box with a 4 pixel rgb(200, 180, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 180, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 180, 65);  
box-shadow:4px 4px 4px 4px rgb(200, 180,  
65) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 59.148, 95.756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 180, 65) }
```

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

```
.background{ background-color: rgb(200,  
180, 65) }
```

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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